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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC20
; CURRENT APPLICATION NUMBER: US/10/012,121A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO: 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-012-121A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1157
US-10-006-116A-105/c
; Sequence 105, Application US/10006116A
; Publication No. US20030082626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC15
; CURRENT APPLICATION NUMBER: US/10/006,116A
; CURRENT FILING DATE: 2001-12-16
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; PRIOR FILING DATE: 1998-09-09
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/ PRIOR FILING DATE: 1998-10-28

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAACAGCAGCAGC 2

RESULT 1158
US-10-006-117A-105/c
/ Sequence 105, Application US/10006117A
/ Publication No. US2003082627A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Baton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC13
/ CURRENT APPLICATION NUMBER: US/10/006,117A
/ CURRENT FILING DATE: 2002-03-19
/ Prior Application removed - See File Wrapper or Palm
/ PRIOR FILING DATE: 2001-07-09
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 105
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
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RESULT 1159
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/ Sequence 105, Application US/10017527A
/ Publication No. US2003082628A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
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APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acid Encoding the Same  
FILE REFERENCE: P2830P1C63  
CURRENT APPLICATION NUMBER: US/10/017,527A  
CURRENT FILING DATE: 2001-12-13  
PRIOR APPLICATION NUMBER: 60/098716  
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; PRIOR FILING DATE: 1998-10-28

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1160
US-10-013-913A-105/c
; Sequence 105, Application US/10013913A
; Publication No. US20030083462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC40
; CURRENT APPLICATION NUMBER: US/10/013,913A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Paim
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-913A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC6
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
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; PRIOR APPLICATION NUMBER: 60/098749
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; PRIOR FILING DATE: 1998-09-02
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PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/1010144
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8	PRIOR FILING DATE: 1998-09-24
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12	PRIOR FILING DATE: 1998-09-29
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17	PRIOR APPLICATION NUMBER: 60/102331
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28	PRIOR FILING DATE: 1998-10-01
29	PRIOR APPLICATION NUMBER: 60/102687
30	PRIOR FILING DATE: 1998-10-01
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33	PRIOR APPLICATION NUMBER: 60/103258
34	PRIOR FILING DATE: 1998-10-06
35	PRIOR APPLICATION NUMBER: 60/103314
36	PRIOR FILING DATE: 1998-10-07
37	PRIOR APPLICATION NUMBER: 60/103315
38	PRIOR FILING DATE: 1998-10-07
39	PRIOR APPLICATION NUMBER: 60/103328
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41	PRIOR APPLICATION NUMBER: 60/103395
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43	PRIOR APPLICATION NUMBER: 60/103396
44	PRIOR FILING DATE: 1998-10-08
45	PRIOR APPLICATION NUMBER: 60/103401
46	PRIOR FILING DATE: 1998-10-07
47	PRIOR APPLICATION NUMBER: 60/103449
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49	PRIOR APPLICATION NUMBER: 60/103633
50	PRIOR FILING DATE: 1998-10-08
51	PRIOR APPLICATION NUMBER: 60/103678
52	PRIOR FILING DATE: 1998-10-08
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54	PRIOR FILING DATE: 1998-10-08
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56	PRIOR FILING DATE: 1998-10-08
57	PRIOR APPLICATION NUMBER: 60/104257
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62	PRIOR FILING DATE: 1998-10-20
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66	PRIOR FILING DATE: 1998-10-21
67	PRIOR APPLICATION NUMBER: 60/105169
68	PRIOR FILING DATE: 1998-10-22
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; PRIOR FILING DATE: 1998-10-26
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; PRIOR FILING DATE: 1998-10-26
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; PRIOR FILING DATE: 1998-10-27
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; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1162
US-10-013-430A-105/c
; Sequence 105, Application US/10013430A
; Publication No. US20030092883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C27
; CURRENT APPLICATION NUMBER: US/10/013, 430A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
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; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1163
US-10-011-671A-105/c
; Sequence 105, Application US/10011671A
; Publication No. US20030096954A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
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; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C27
; CURRENT APPLICATION NUMBER: US/10/011, 671A
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
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PRIOR FILING DATE: 1998-09-29  
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PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2% Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0;  
Matches 17; Conservative 0; Mismatches 2; Gaps 0;

Cy 7413 CAGCAGCAGCAGCAGC 7431  
DB 20 CAGCAGCAACAGCAGCAGC 2

RESULT 1164  
US-10-012-755A-105/C  
Sequence 105, Application US/10012755A  
Publication No. US2003009655A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.

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; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/012,755A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-012-755A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGCAGC 2
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RESULT 1165
; US-10-015-386A-105/c
; Sequence 105, Application US/10015386A
; Publication No. US2003009625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-015-386A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGCAGC 2
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RESULT 1166
; US-10-011-692A-105/c
; Sequence 105, Application US/10011692A
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; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-011-692A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAGCAGCAGCAGCAGC 2
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RESULT 1167
; US-10-005-956-743
; Sequence 743, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 743
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-005-956-743
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      1321 GCTCCAGCAGCAGCAGCAGG 1339
Db      2 GATCCAGCAGCAGCAGCAGG 20
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RESULT 1168
US-10-005-956-744
; Sequence 744, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-744

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1169
US-10-005-956-749
; Sequence 749, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-749

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1170
US-10-005-956-750
; Sequence 750, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
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; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 750
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-750

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1321 GCTCCAGACAGACAGAGG 1339
DB      2 GATCCAGACAGACAGAGAGG 20

RESULT 1171
US-10-006-768A-105/c
; Sequence 105, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-105

Query Match      0.2%  Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGACAGACAGACAGC 7431
DB      20 CAGCAGACAGACAGACAGC 2

RESULT 1172
US-10-017-610A-105/c
; Sequence 105, Application US/10017610A
; Publication No. US20030113795A1
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GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Guney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C64  
CURRENT APPLICATION NUMBER: US/10/017,610A  
CURRENT FILING DATE: 2001-12-13  
PRIOR APPLICATION NUMBER: 60/098716  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
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PRIOR APPLICATION NUMBER: 60/099602  
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PRIOR APPLICATION NUMBER: 60/099808  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099815  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
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PRIOR FILING DATE: 1998-09-15  
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PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100584  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100661  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100662

PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100664  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100683  
PRIOR FILING DATE: 1998-09-17  
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PRIOR FILING DATE: 1998-09-17  
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PRIOR APPLICATION NUMBER: 60/100849  
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PRIOR FILING DATE: 1998-09-17  
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PRIOR FILING DATE: 1998-09-23  
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PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
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PRIOR FILING DATE: 1998-09-24  
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PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102307  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
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PRIOR FILING DATE: 1998-09-30  
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PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01

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; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
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; PRIOR FILING DATE: 1998-10-08
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; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGGAGCAACAGCAGCAGC 7431
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Db      20 CAGGAGCAACAGCAGCAGC 2
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RESULT 1173
US-10-006-063A-105/c
; Sequence 105, Application US/10006063A
; Publication No. US20030114652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
```

```
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; CURRENT FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Qy      7413 CAGGAGCAACAGCAGCAGC 7431
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```
Db      20 CAGGAGCAACAGCAGCAGC 2
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RESULT 1174
US-10-020-063A-105/c
; Sequence 105, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1175
US-10-015-391A-105/c
; Sequence 105, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C59
; CURRENT APPLICATION NUMBER: US/10/015,391A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1176
US-10-239-316-57
; Sequence 57, Application US/10239316
; Publication No. US20030125253A1
; GENERAL INFORMATION:
; APPLICANT: TANIYAMA, Yoshio
; APPLICANT: KITA, Shunbun
; APPLICANT: SATOMI, Tomoko Komiyama

; TITLE OF INVENTION: No. US20030125253A1e1 Protein, Process for Producing The Same And
; FILE REFERENCE: 2703USOP
; CURRENT APPLICATION NUMBER: US/10/239,316
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: PCT/JP01/02279
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: JP2000-088595
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 59
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-239-316-57

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3821 ATGACAGGCCCCCTGGCCCTT 3839
Db      2 ATGACAGTCCTCTGGCCCTT 20

RESULT 1177
US-10-017-407A-105/c
; Sequence 105, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1178
US-10-011-833A-105/c
; Sequence 105, Application US/10011833A
; Publication No. US20030129650A1
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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1179
US-10-006-041A-105/c
; Sequence 105, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-105
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Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1180
US-10-015-822A-105/c
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; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1181
US-10-015-387A-105/c
; Sequence 105, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan 1.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-105
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FILE REFERENCE: P2830P1C54
CURRENT APPLICATION NUMBER: US/10/015.387A
CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 105
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      7413 CAGCAGCAGCAGCAGCAGC 7431
      ||| ||| ||| ||| ||| ||| |||
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1183
US-10-006-130A-105/c
; Sequence 105, Application US/10006130A
; Publication No. US20030148375A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C7
; CURRENT APPLICATION NUMBER: US/10/006.130A
; CURRENT FILING DATE: 2002-03-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      7413 CAGCAGCAGCAGCAGCAGC 7431
      ||| ||| ||| ||| ||| ||| |||
Db      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1183
US-10-006-172A-105/c
; Sequence 105, Application US/10006172A
; Publication No. US20030153000A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

```

1. APPLICANT: Eaton, Dan L.  
2. APPLICANT: Ferrara, Napoleone  
3. APPLICANT: Fong, Sherman  
4. APPLICANT: Gao, Wei-Qiang  
5. APPLICANT: Goddard, Audrey  
6. APPLICANT: Godowski, Paul J.  
7. APPLICANT: Grimaldi, Christopher J.  
8. APPLICANT: Gurney, Austin L.  
9. APPLICANT: Hillan, Kenneth J.  
10. APPLICANT: Pan, James  
11. APPLICANT: Paoni, Nicholas F.  
12. TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
13. TITLE OF INVENTION: Acids Encoding the Same  
14. FILE REFERENCE: P2830PIC1  
15. CURRENT APPLICATION NUMBER: US/10/006,172A  
16. PRIOR FILING DATE: 2002-03-19  
17. PRIOR APPLICATION NUMBER: 60/098716  
18. PRIOR FILING DATE: 1998-09-01  
19. PRIOR APPLICATION NUMBER: 60/098723  
20. PRIOR FILING DATE: 1998-09-01  
21. PRIOR APPLICATION NUMBER: 60/098749  
22. PRIOR FILING DATE: 1998-09-01  
23. PRIOR APPLICATION NUMBER: 60/098750  
24. PRIOR FILING DATE: 1998-09-01  
25. PRIOR APPLICATION NUMBER: 60/098803  
26. PRIOR FILING DATE: 1998-09-02  
27. PRIOR APPLICATION NUMBER: 60/098821  
28. PRIOR FILING DATE: 1998-09-02  
29. PRIOR APPLICATION NUMBER: 60/098843  
30. PRIOR FILING DATE: 1998-09-02  
31. PRIOR APPLICATION NUMBER: 60/099536  
32. PRIOR FILING DATE: 1998-09-03  
33. PRIOR APPLICATION NUMBER: 60/099566  
34. PRIOR FILING DATE: 1998-09-03  
35. PRIOR APPLICATION NUMBER: 60/099598  
36. PRIOR FILING DATE: 1998-09-03  
37. PRIOR APPLICATION NUMBER: 60/099602  
38. PRIOR FILING DATE: 1998-09-03  
39. PRIOR APPLICATION NUMBER: 60/099642  
40. PRIOR FILING DATE: 1998-09-09  
41. PRIOR APPLICATION NUMBER: 60/099741  
42. PRIOR FILING DATE: 1998-09-10  
43. PRIOR APPLICATION NUMBER: 60/099754  
44. PRIOR FILING DATE: 1998-09-10  
45. PRIOR APPLICATION NUMBER: 60/099763  
46. PRIOR FILING DATE: 1998-09-10  
47. PRIOR APPLICATION NUMBER: 60/099792  
48. PRIOR FILING DATE: 1998-09-10  
49. PRIOR APPLICATION NUMBER: 60/099808  
50. PRIOR FILING DATE: 1998-09-10  
51. PRIOR APPLICATION NUMBER: 60/099812  
52. PRIOR FILING DATE: 1998-09-10  
53. PRIOR APPLICATION NUMBER: 60/099815  
54. PRIOR FILING DATE: 1998-09-10  
55. PRIOR APPLICATION NUMBER: 60/099816  
56. PRIOR FILING DATE: 1998-09-10  
57. PRIOR APPLICATION NUMBER: 60/100385  
58. PRIOR FILING DATE: 1998-09-15  
59. PRIOR APPLICATION NUMBER: 60/100388  
60. PRIOR FILING DATE: 1998-09-15  
61. PRIOR APPLICATION NUMBER: 60/100390  
62. PRIOR FILING DATE: 1998-09-15  
63. PRIOR APPLICATION NUMBER: 60/100584  
64. PRIOR FILING DATE: 1998-09-16  
65. PRIOR APPLICATION NUMBER: 60/100627  
66. PRIOR FILING DATE: 1998-09-16  
67. PRIOR APPLICATION NUMBER: 60/100661  
68. PRIOR FILING DATE: 1998-09-16  
69. PRIOR APPLICATION NUMBER: 60/100662  
70. PRIOR FILING DATE: 1998-09-16  
71. PRIOR APPLICATION NUMBER: 60/100664  
72. PRIOR FILING DATE: 1998-09-16  
73. PRIOR APPLICATION NUMBER: 60/100663

; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100684  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100710  
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; PRIOR APPLICATION NUMBER: 60/100930  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101014  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101068  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101071  
; PRIOR FILING DATE: 1998-09-18  
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; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: 60/101471  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101472  
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; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101475  
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; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101479  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
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; PRIOR APPLICATION NUMBER: 60/101743  
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; PRIOR FILING DATE: 1998-09-24  
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; PRIOR APPLICATION NUMBER: 60/102240  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102307  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102330  
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; PRIOR APPLICATION NUMBER: 60/102331  
; PRIOR FILING DATE: 1998-09-29  
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; PRIOR FILING DATE: 1998-09-30  
; PRIOR APPLICATION NUMBER: 60/102487  
; PRIOR FILING DATE: 1998-09-30  
; PRIOR APPLICATION NUMBER: 60/102570  
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; PRIOR FILING DATE: 1998-09-30  
; PRIOR APPLICATION NUMBER: 60/102684  
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; PRIOR APPLICATION NUMBER: 60/102687  
; PRIOR FILING DATE: 1998-10-01  
; PRIOR APPLICATION NUMBER: 60/102965  
; PRIOR FILING DATE: 1998-10-02  
; PRIOR APPLICATION NUMBER: 60/103258  
; PRIOR FILING DATE: 1998-10-06

; PRIOR APPLICATION NUMBER: 60/103314  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103315  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103328  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103395  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103396  
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; PRIOR APPLICATION NUMBER: 60/103401  
; PRIOR FILING DATE: 1998-10-07  
; PRIOR APPLICATION NUMBER: 60/103449  
; PRIOR FILING DATE: 1998-10-06  
; PRIOR APPLICATION NUMBER: 60/103633  
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; PRIOR APPLICATION NUMBER: 60/103678  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/103679  
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; PRIOR FILING DATE: 1998-10-08  
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; PRIOR FILING DATE: 1998-10-14  
; PRIOR APPLICATION NUMBER: 60/104987  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105000  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105002  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105104  
; PRIOR FILING DATE: 1998-10-21  
; PRIOR APPLICATION NUMBER: 60/105169  
; PRIOR FILING DATE: 1998-10-22  
; PRIOR APPLICATION NUMBER: 60/105266  
; PRIOR FILING DATE: 1998-10-22  
; PRIOR APPLICATION NUMBER: 60/105693  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105694  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: 60/105807  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/105881  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/105882  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/106023  
; PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGACGACGACGACG 7431  
Db 20 CAGGACGACGACGACG 2

RESULT 1184  
US-10-017-253A-105/C  
; Sequence 105, Application US/10017253A  
; Publication No. US2003016055A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Deenoyers, Luc  
; APPLICANT: Baton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.

```
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C62
; CURRENT APPLICATION NUMBER: US/10/017,253A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-017-253A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2

RESULT 1185
US-10-015-392A-105/C
; Sequence 105, Application US/10015392A
; Publication No. US20030166901A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C58
; CURRENT APPLICATION NUMBER: US/10/015,392A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: 60/098716
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-015-392A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2

RESULT 1186
US-10-017-306A-105/C
; Sequence 105, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Remaining Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-017-306A-105

Query Match      0.2%; Score 15.8; DB 1; Length 21;
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? PRIOR APPLICATION NUMBER: 60/102484
? PRIOR FILING DATE: 1998-09-30
? PRIOR APPLICATION NUMBER: 60/102487
? PRIOR FILING DATE: 1998-09-30
? PRIOR APPLICATION NUMBER: 60/102570
? PRIOR FILING DATE: 1998-09-30
? PRIOR APPLICATION NUMBER: 60/102571
? PRIOR FILING DATE: 1998-09-30
? PRIOR APPLICATION NUMBER: 60/102684
? PRIOR FILING DATE: 1998-10-01
? PRIOR APPLICATION NUMBER: 60/102687
? PRIOR FILING DATE: 1998-10-01
? PRIOR APPLICATION NUMBER: 60/102965
? PRIOR FILING DATE: 1998-10-02
? PRIOR APPLICATION NUMBER: 60/103258
? PRIOR FILING DATE: 1998-10-06
? PRIOR APPLICATION NUMBER: 60/103314
? PRIOR FILING DATE: 1998-10-07
? PRIOR APPLICATION NUMBER: 60/103315
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? PRIOR FILING DATE: 1998-10-22
? PRIOR APPLICATION NUMBER: 60/105693
? PRIOR FILING DATE: 1998-10-26
? PRIOR APPLICATION NUMBER: 60/105694
? PRIOR FILING DATE: 1998-10-26
? PRIOR APPLICATION NUMBER: 60/105807
? PRIOR FILING DATE: 1998-10-27
? PRIOR APPLICATION NUMBER: 60/105881
? PRIOR FILING DATE: 1998-10-27
? PRIOR APPLICATION NUMBER: 60/105882
? PRIOR FILING DATE: 1998-10-27
? PRIOR APPLICATION NUMBER: 60/106023
? PRIOR FILING DATE: 1998-10-28
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Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 7413 CAGAGCAGCAGCAGCAGC 7431
DB 20 CAGAGCAGCAGCAGCAGC 2
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RESULT 1188
US-10-012-064A-105/c
; Sequence 105, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1c19
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/012,064A
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-105
```

```
Query Match 0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 7413 CAGAGCAGCAGCAGCAGC 7431
DB 20 CAGAGCAGCAGCAGCAGC 2

RESULT 1189
US-10-032-585-4607/c
; Sequence 4607, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
```

```

1  APPLICANT: Ferrara, Napoleone
2  APPLICANT: Fong, Sherman
3  APPLICANT: Gao, Wei-Qiang
4  APPLICANT: Goddard, Audrey
5  APPLICANT: Godowski, Paul J.
6  APPLICANT: Grimaldi, Christopher J.
7  APPLICANT: Gunney, Austin L.
8  APPLICANT: Hillan, Kenneth J.
9  APPLICANT: Pan, James
10 APPLICANT: Paoni, Nicholas F.
11 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
12 FILE REFERENCE: P2830P1C52
13 CURRENT FILING DATE: 2001-12-11
14 PRIOR APPLICATION NUMBER: US/10/015,671A
15 PRIOR FILING DATE: 2001-12-11
16 PRIOR APPLICATION REMOVED - See File Wrapper or Palm
17 SEQ ID NO 105
18 LENGTH: 21
19 TYPE: DNA
20 ORGANISM: Artificial Sequence
21 FEATURES:
22 OTHER INFORMATION: Synthetic oligonucleotide probe
23 US-10-015-671A-105
24
25 Query Match 0.2; Score 15.8; DB 1; Length 21;
26 Best Local Similarity 89.5%; Pred. No. 1e+03;
27 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
28
29 QY 7413 CAGCAGCAGCAGCAGCAGC 7431
30 ||| ||| ||| ||| ||| ||| |||
31 Db 20 CAGGAGCAGCAGCAGCAGC 2
32
33 RESULT 1192
34 Sequence 105, Application US/10015610A
35 Publication No. US20030186361A1
36 GENERAL INFORMATION:
37 APPLICANT: Baker, Kevin P.
38 APPLICANT: Botstein, David
39 APPLICANT: Deenoyere, Luc
40 APPLICANT: Eaton, Dan I.
41 APPLICANT: Ferrara, Napoleone
42 APPLICANT: Fong, Sherman
43 APPLICANT: Gao, Wei-Qiang
44 APPLICANT: Goddard, Audrey
45 APPLICANT: Godowski, Paul J.
46 APPLICANT: Grimaldi, Christopher J.
47 APPLICANT: Gunney, Austin L.
48 APPLICANT: Hillan, Kenneth J.
49 APPLICANT: Pan, James
50 APPLICANT: Paoni, Nicholas F.
51 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
52 FILE REFERENCE: P2830P1C52
53 CURRENT FILING DATE: 2001-12-12
54 PRIOR APPLICATION NUMBER: US/10/015,610A
55 PRIOR FILING DATE: 1998-09-01
56 PRIOR APPLICATION NUMBER: 60/098723
57 PRIOR FILING DATE: 1998-09-01
58 PRIOR APPLICATION NUMBER: 60/098749
59 PRIOR FILING DATE: 1998-09-01
60 PRIOR APPLICATION NUMBER: 60/098750
61 PRIOR FILING DATE: 1998-09-01
62 PRIOR APPLICATION NUMBER: 60/098803
63 PRIOR FILING DATE: 1998-09-02
64 PRIOR APPLICATION NUMBER: 60/098821
65 PRIOR FILING DATE: 1998-09-02
66 PRIOR APPLICATION NUMBER: 60/098843
67 PRIOR FILING DATE: 1998-09-02
68 PRIOR APPLICATION NUMBER: 60/099536

```

```

; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-105
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```

RESULT 1193
US-10-012-137A-105/c
; Sequence 105, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C29
; CURRENT APPLICATION NUMBER: US/10/012,137A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-105
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```

RESULT 1194
US-10-012-752A-105/c
; Sequence 105, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
```

```

; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-105
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```

RESULT 1195
US-10-012-754A-105/c
; Sequence 105, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C18
; CURRENT APPLICATION NUMBER: US/10/012,754A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-105
```

```

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
```



;; PRIOR APPLICATION NUMBER: 60/101014  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101068  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101071  
;; PRIOR FILING DATE: 1998-09-18  
;; PRIOR APPLICATION NUMBER: 60/101279  
;; PRIOR FILING DATE: 1998-09-22  
;; PRIOR APPLICATION NUMBER: 60/101471  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101472  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101474  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101475  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101476  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101477  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101479  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101738  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101741  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101743  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101915  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101916  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/102207  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102240  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102307  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102330  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102331  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102484  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102487  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102570  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102571  
;; PRIOR FILING DATE: 1998-09-30  
;; PRIOR APPLICATION NUMBER: 60/102684  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102687  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102965  
;; PRIOR FILING DATE: 1998-10-02  
;; PRIOR APPLICATION NUMBER: 60/103258  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103314  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103315  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103328  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103395  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103396  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103401  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103449  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103633

;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103678  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103679  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103711  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/104257  
;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105693  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105694  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarly 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;  
Matches 17; Conservative 0; Mismatches

Oy 7413 CAGCAGCAGCAGCAGCAGC 7431  
Db 20 CAGCAGCAGCAGCAGCAGC 2

RESULT 1198  
US-10-013-912A-105/c  
; Sequence 105, Application US/10013912A  
; Publication No. US20030187194A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OR INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2830PIC32  
; CURRENT APPLICATION NUMBER: US/10/013,912A  
; CURRENT FILING DATE: 2001-12-10  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01

```

; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1199
US-10-015-653A-105/c
; Sequence 105, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC43
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1200
US-10-012-101B-105/c
; Sequence 105, Application US/10012101B
; Publication No. US20030187239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC50
; CURRENT APPLICATION NUMBER: US/10/012,101B
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-101B-105

Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;

QY      7413 CAGCAGCAGCAGCAGCAGC 7431
DB      20 CAGGAGCAACAGCAGCAGC 2

RESULT 1201
US-10-015-480A-105/c
; Sequence 105, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC50
; CURRENT APPLICATION NUMBER: US/10/015,480A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
          ||| ||| ||| ||| ||| |||
Db       20 CAGAGCAGCAGCAGCAGCAGC 2
```

```
RESULT 1202
US-10-015-715A-105/c
; Sequence 105, Application US/10015715A
; Publication No. US20030190668A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C56
; CURRENT APPLICATION NUMBER: US/10/015,715A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-715A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
          ||| ||| ||| ||| ||| |||
Db       20 CAGAGCAGCAGCAGCAGCAGC 2
```

```
RESULT 1203
US-10-012-237A-105/c
; Sequence 105, Application US/10012237A
; Publication No. US20030191281A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

```
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C21
; CURRENT APPLICATION NUMBER: US/10/012,237A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
          ||| ||| ||| ||| ||| |||
Db       20 CAGAGCAGCAGCAGCAGCAGC 2
```

```
RESULT 1204
US-10-013-906A-105/c
; Sequence 105, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C36
; CURRENT APPLICATION NUMBER: US/10/013,906A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-906A-105/c
```



```
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1205
US-10-015-388A-105/c
; Sequence 105, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C44
; CURRENT APPLICATION NUMBER: US/10/015.388A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1206
US-10-012-753A-105/c
; Sequence 105, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C17
; CURRENT APPLICATION NUMBER: US/10/012.753A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1207
US-10-015-385A-105/c
; Sequence 105, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015.385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-105
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2;
```

Qy	7413	CAGCAGCAGCAGCAGC	7431
Db	20	CAGGAGCAACAGCAGC	2

RESULT 1208  
US-10-007-2

US-10-007-236A-105/C  
; Sequence 105, Application US/10007236A  
; Publication No. US20030198993A1  
General Information

OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-007-236A-105

Db 20 CAGGAGCAACAGCAGCAGC 2

US-10-015-389A-105/c  
; Sequence 105, Application US/10015389A  
; Publication No. US20030199675A1

```

: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
:
: FILE OF INVENTION: Acids Encoding the Same
:
: FILE REFERENCE: P2830P1C48
:
: CURRENT APPLICATION NUMBER: US/10/015,389A
:
: CURRENT FILING DATE: 2002-06-25
:
: Prior Application removed - See File Wrapper or Palm

```

; NUMBER OF SEQ ID NOS: 477

```

; SEQ_ID NO 105
; LENGTH: '21'
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURES
    OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-589A-105

```

Query Match	0.2%	Score 15.8;	DB 1;	Length 21;
Best Local Similarity	89.5%;	Pred. No. 1e+03;		
Matches 17; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

RESULT 1210  
ITE-10-015-5

US-10-015-519A-105/c  
; Sequence 105, Application US/10015519A  
; Publication No. US20030203401A1

OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-519A-105

```

Qy      7413 CAGCAGCAGCAGCAGCAGC 7431
          ||| ||| ||| ||| |||
Db      20  CAGGAGCAACAGCAGCAGC 2

```

US-10-013-915A-105/c  
; Sequence 105, Application US/10013915A  
; Publication No. US20030204053A1

APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

```

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-105
```

```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

## RESULT 1212

```

; US-10-015-394A-105/c
; Sequence 105, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C41
; CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
```

```

; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-105
```

```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

## RESULT 1213

```

; US-10-015-390A-105/c
; Sequence 105, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-105
```

```

Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      7413 CAGCAGCAGCAGCAGCAGC 7431
Db      20 CAGAGCAGCAGCAGCAGC 2
```

## RESULT 1214

```

; US-10-006-746A-105/c
; Sequence 105, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
```

APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Guirney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCES: P2830P1C5  
CURRENT FILING DATE: 2001-12-06  
PRIOR APPLICATION NUMBER: US/10/006,746A  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099602  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099642  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099741  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099754  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099763  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099792  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099808  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099815  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100388  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100390  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100584  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100661  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100662  
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PRIOR APPLICATION NUMBER: 60/100664  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100683  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100684  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100710  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100711  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100848  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100849  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100919  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100930  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/101014  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101068  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101071  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101279  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: 60/101471  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101472  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101474  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101475  
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PRIOR APPLICATION NUMBER: 60/101476  
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PRIOR APPLICATION NUMBER: 60/101477  
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PRIOR APPLICATION NUMBER: 60/101479  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101743  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101915  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102307  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102571  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314

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; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      7413 CAGGAGCAGCAGCAGCAGC 7431
Db      20   CAGGAGCAACAGCAGCAGC 2
```

```
RESULT 1215
US-10-349-143-7625
; Sequence 7625, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT FILING DATE: 2003-01-21
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
```

```
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7625
```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-9751 for SEQ 3691,
US-10-349-143-7625
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      4741 CTGAGGAGAGAGAGGTCTA 4759
Db      2   CTGAGGAGAGAGAGGTCTA 20
```

```
RESULT 1216
US-10-349-143-9563
; Sequence 9563, Application US/10349143
; Publication No. US20040005584A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT FILING DATE: 2003-01-21
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9563
```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-5712 for SEQ 1698, in complement
US-10-349-143-9563
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      3637 GAGGAGGTAGTGGGAG 3655
Db      1   GAGGAGGTAGAGAGAGAG 19
```

```
RESULT 1217
US-10-349-143-10315
; Sequence 10315, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11089 for SEQ 2450, in complement
US-10-349-143-10315
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      1630 CGGAGATTTCACAGATG 1648
      |||||
DB      1 CGGAGATTTCACAGATG 19
```

```
RESULT 1218
US-10-011-795A-105/c
; Sequence 105, Application US/10011795A
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
      |||||
DB      20 CAGCAGCAGCAGCAGCAGC 2
```

```
RESULT 1219
US-10-012-231A-105/c
; Sequence 105, Application US/10012231A
; Publication No. US20040014130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boetstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C23
; CURRENT APPLICATION NUMBER: US/10/012,231A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-231A-105
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7413 CAGCAGCAGCAGCAGCAGC 7431
      |||||
DB      20 CAGCAGCAGCAGCAGCAGC 2
```

```
RESULT 1220
US-10-647-566-6/c
; Sequence 6, Application US/10647566
; Publication No. US2004008190A1
; GENERAL INFORMATION:
; APPLICANT: LIVESQUE, Roger C.
; APPLICANT: SANSCHAGLIN, Francois
; APPLICANT: CARDINAL, Guy
; TITLE OF INVENTION: METHOD FOR THE IDENTIFICATION OF ESSENTIAL GENES AND
; TITLE OF INVENTION: THERAPEUTIC TARGETS
; FILE REFERENCE: 9555.96USMO
; CURRENT APPLICATION NUMBER: US/10/647,566
; CURRENT FILING DATE: 2003-08-25
; PRIOR APPLICATION NUMBER: US/09/508,891
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: CA 2,215,870
; PRIOR FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-647-566-6
```

```
Query Match      0.2%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Best Local Similarity 89.5%; Pred. No. 1e+03; DB 1; Length 21;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 GCACGAGTGTTCAGCA 282  
DB 19 GCACGAGTGTTCAGCA 1

## RESULT 1221

US-10-470-700A-36/C  
Sequence 36, Application US/10470700A  
Publication No. US20040152873A1  
GENERAL INFORMATION:  
APPLICANT: Biomedics Limited  
APPLICANT: Callen, David F  
APPLICANT: Powell, Jason  
APPLICANT: Krennidiotis, Gabriel  
APPLICANT: Gardner, Alison  
APPLICANT: Crawford, Joanna  
APPLICANT: Bais, Anthony  
APPLICANT: Kochetkova, Marina  
TITLE OF INVENTION: A Novel Gene BN01 Mapping to Chromosome 16Q24.3  
FILE REFERENCE: 1386/14  
CURRENT FILING DATE: 2003-07-29  
PRIOR FILING DATE: 2002-01-31  
CURRENT APPLICATION NUMBER: PCT/AU02/00096  
PRIOR APPLICATION NUMBER: 2002-01-31  
NUMBER OF SEQ ID NOS: 41  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 36  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-470-700A-36

Query Match 0.2%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3865 ATTCTCTCTACTCTCCGCC 3883  
DB 21 ACTCTCTCTGCTCTCCGCC 3

## RESULT 1222

US-08-731-499-35  
Sequence 35, Application US/08731499  
Publication No. US20030148270A1  
GENERAL INFORMATION:  
APPLICANT: GRAY, Joe W.  
APPLICANT: COLLINS, Colin  
APPLICANT: HWANG, Soo-In  
APPLICANT: GODFREY, Tony  
APPLICANT: KOMBEL, David  
APPLICANT: ROMMENS, Johanna  
TITLE OF INVENTION: GENES FROM THE 20q13 AMPLICON AND THEIR  
TITLE OF INVENTION: USES  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Townsend and Townsend and Crew  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/731,499  
FILING DATE: 16-OCT-1996

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/680,395  
FILING DATE: 15-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Hunter, Tom  
REGISTRATION NUMBER: 38,498  
REFERENCE/DOCKET NUMBER: 23070-068910  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-731-499-35

Query Match 0.2%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6024 CACACCTGTCTACTCTTG 6042  
DB 4 CAAACCTGTCTACTCTTG 22

## RESULT 1223

US-09-935-247-9  
Sequence 9, Application US/09935247  
Patent No. US20020103153A1  
GENERAL INFORMATION:  
APPLICANT: Re, Richard N.  
COOK, Julia  
TITLE OF INVENTION: INHIBITION OF CELLULAR PROLIFERATION BY  
OLIGONUCLEOTIDE BINDING TO A CHROMOSOMAL BINDING SITE FOR  
P53 PROTEIN  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
CITY: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/935,247  
FILING DATE: 22-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/266,065  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: DIGILIO, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 85152X  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 742-4343  
TELEFAX: (516) 742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

```
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-935-247-9

Query Match      0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6073 TCTGCTCTTTTCTCTTT 6091
DB      3 TCTCTCTTTTCTCTTT 21

RESULT 1224
US-10-092-900A-742
; Sequence 742, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Murajidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zehusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Uj, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangoli, Bsha A.
; APPLICANT: Verneil, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderma, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsbrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: NO. US20040043382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,332
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
```

```
Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 742
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-092-900A-742

Query Match      0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3597 CCTTTGTACTTCTTTG 3615
DB      2 CCTTTGTACTTCTTCAATG 20

RESULT 1225
US-10-361-208-302/c
; Sequence 302, Application US/10361208
; Publication No. US20040009167A1
; GENERAL INFORMATION:
; APPLICANT: Rider, Todd H.
; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS
; FILE REFERENCE: 0050.2041-003
; CURRENT APPLICATION NUMBER: US/10/361,208
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/355,359
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/355,022
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/432,386
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-361-208-302

Query Match      0.2%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1773 GCCAGGAAAGCGCGGTG 1791
DB      19 GCCAGGTTTGACGCCGCGTG 1

RESULT 1226
US-10-361-208-344/c
; Sequence 344, Application US/10361208
; Publication No. US20040009167A1
; GENERAL INFORMATION:
; APPLICANT: Rider, Todd H.
; TITLE OF INVENTION: ANTI-PATHOGEN TREATMENTS
; FILE REFERENCE: 0050.2041-003
; CURRENT APPLICATION NUMBER: US/10/361,208
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/355,359
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/355,022
; PRIOR FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: US 60/432,386
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 344
```

LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-361-208-344

Query Match 0.2%; Score 15.8; DB 1; Length 22;  
Best Local Similarity 89.5%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1773 GCCAGGAGAGCGCCGGTG 1791  
DB 19 GCCAGGTTGACGCCGGTG 1

RESULT 1227  
US-10-032-585-5105  
Sequence 5105, Application US/10032585  
Publication No. US20030180953A1  
GENERAL INFORMATION:

APPLICANT: Terry, Roemer D.  
APPLICANT: Bo, Jiaang  
APPLICANT: Charles, Boone  
APPLICANT: Howard, Bussey  
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery  
FILE REFERENCE: 10182-005-999  
CURRENT APPLICATION NUMBER: US/10/032,585  
CURRENT FILING DATE: 2001-12-20  
NUMBER OF SEQ ID NOS: 8000  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5105  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Candida albicans  
US-10-032-585-5105

Query Match 0.2%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5419 AAAAAGCAAGAAATCAGC 5437  
DB 5 AACAGCAAGACAATCAGC 23

RESULT 1228

US-10-291-986-1/c  
Sequence 1, Application US/10291986  
Publication No. US20030215825A1  
GENERAL INFORMATION:  
APPLICANT: SUN-WING, TONG  
TITLE OF INVENTION: IMPROVED METHOD OF DETECTING MOLECULAR TARGET BY  
FILE REFERENCE: 5321-3  
CURRENT APPLICATION NUMBER: US/10/291,986  
CURRENT FILING DATE: 2002-11-12  
PRIOR APPLICATION NUMBER: AU PS1597  
PRIOR FILING DATE: 2002-04-09  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 1  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-291-986-1

Query Match 0.2%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAGC 7431  
DB 23 CAGCAGCAGCAGCAGC 5

RESULT 1229  
US-10-627-253A-36/c  
Sequence 36, Application US/10627253A  
Publication No. US20040161768A1  
GENERAL INFORMATION:

APPLICANT: BRINKMANN, ULRICH  
APPLICANT: HOFMEYER, SVEN  
APPLICANT: MORHINIG, ESTHER  
TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATIONS  
FILE REFERENCE: VOS-42 CON  
CURRENT APPLICATION NUMBER: US/10/627,253A  
CURRENT FILING DATE: 2003-07-24  
PRIOR APPLICATION NUMBER: PCT/EP02/00796  
PRIOR FILING DATE: 2002-01-25  
PRIOR APPLICATION NUMBER: EP 01101651.6  
PRIOR FILING DATE: 2001-01-26  
NUMBER OF SEQ ID NOS: 406  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 36  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-627-253A-36

Query Match 0.2%; Score 15.8; DB 1; Length 23;  
Best Local Similarity 89.5%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7293 TTGCATTGTTCCCTTG 7311  
DB 22 TTGCATTCTTCCCTTG 4

RESULT 1230  
US-09-864-866-48/c  
Sequence 48, Application US/09864866  
Patent No. US20020127656A1  
GENERAL INFORMATION:  
APPLICANT: Lloyd, R. Stephen  
APPLICANT: McCullough, Amanda K.  
APPLICANT: Nguyen, Khoa  
TITLE OF INVENTION: DNA REPAIR POLYPEPTIDES AND METHODS OF USE  
FILE REFERENCE: 265.00170101  
CURRENT APPLICATION NUMBER: US/09/864,866  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/206,279  
PRIOR FILING DATE: 2000-05-23  
NUMBER OF SEQ ID NOS: 49  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 48  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Nucleotides encoding a nuclear localization sequence  
US-09-864-866-48

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5704 CTTGCTTCTCTCTCT 5722  
DB 22 CTTGCTTCTCTCTCT 4

Db 21 CCTCCTTTCTCTCTT 3

RESULT 1231

US-09-906-514-9  
; Sequence 9, Application US/0906514  
; Patent No. US20020170085A1  
; GENERAL INFORMATION:  
; APPLICANT: Kaeppler, Shawn  
; APPLICANT: Springer, Nathan  
; APPLICANT: Phillips, Ronald  
; TITLE OF INVENTION: Methyl Cpg Binding Domain Nucleic Acids from Maize  
; FILE REFERENCE: Methy1 Cpg Binding  
; CURRENT APPLICATION NUMBER: US/09/906,514  
; CURRENT FILING DATE: 2001-07-16  
; NUMBER OF SEQ ID NOS: 13  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Zea mays  
US-09-906-514-9

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4685 CTGATCTGATGATGAGCC 4703

Db 6 CTGATGTGAGATGAGAGCC 24

RESULT 1232

US-09-776-479-945  
; Sequence 945, Application US/09776479  
; Publication No. US20030087848A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouton, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 945  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-945

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTTTGTGTTT 4484

Db 5 TTTTGTGTTTGTGTTT 23

RESULT 1233

US-09-776-479-945  
; Sequence 945, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.

; APPLICANT: Fouton, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 945  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-945

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTTTGTGTTT 4484

Db 5 TTTTGTGTTTGTGTTT 23

RESULT 1234

US-10-380-533-50/c  
; Sequence 50, Application US/10380533  
; Publication No. US20040072186A1  
; GENERAL INFORMATION:  
; APPLICANT: University College Cardiff Consultants Ltd  
; TITLE OF INVENTION: Transglutaminase Gene Products  
; FILE REFERENCE: P504074PCT  
; CURRENT APPLICATION NUMBER: US/10/380,533  
; CURRENT FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: GB0111995.7  
; PRIOR FILING DATE: 2001-05-16  
; PRIOR APPLICATION NUMBER: GB0022768.6  
; PRIOR FILING DATE: 2000-09-15  
; NUMBER OF SEQ ID NOS: 144  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 50  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-380-533-50

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 957 CACGACTCTGAGCGCTT 975

Db 24 CATGACTCTCAGCCCTT 6

RESULT 1235

US-10-380-533-57/c  
; Sequence 57, Application US/10380533  
; Publication No. US20040072186A1  
; GENERAL INFORMATION:  
; APPLICANT: University College Cardiff Consultants Ltd  
; TITLE OF INVENTION: Transglutaminase Gene Products  
; FILE REFERENCE: P504074PCT  
; CURRENT APPLICATION NUMBER: US/10/380,533  
; CURRENT FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: GB0111995.7  
; PRIOR FILING DATE: 2001-05-16  
; PRIOR APPLICATION NUMBER: GB0022768.6  
; PRIOR FILING DATE: 2000-09-15  
; NUMBER OF SEQ ID NOS: 144

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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-380-533-57

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      957 CACGACTCTCAGCGCGTT 975
Db      24 CATGAGCTCTCAGCGCCTT 6

RESULT 1236
US-10-314-578-945
; Sequence 945, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 945
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-945

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4466 TTTTGTGTTTTTTTGG 4484
Db      5 TTTTGTGTTTTTTTGG 23

RESULT 1237
US-10-325-810-472/c
; Sequence 472, Application US/10325810
; Publication No. US20030204069A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; CORRESPONDENCE ADDRESSES: 633
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
```

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; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/325,810
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181
; FILING DATE: 29-Sep-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 472:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..24
; OTHER INFORMATION: /note= "slanti.2 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 472:
US-10-325-810-472

Query Match          0.2%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      231 GGGAGAGCTGGCGGCGCT 249
Db      24 GGGTGCAGCTGCGGAGCT 6

RESULT 1238
US-10-112-653-913
; Sequence 913, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
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PRIOR APPLICATION NUMBER: US 60/279,642  
PRIOR FILING DATE: 2001-03-29  
NUMBER OF SEQ ID NOS: 1040  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 913  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-913

Query Match 0.2% Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTTTGTGTTTGTG 4484  
|||||  
Db 5 TTTTGTGTTTGTGTTTGTG 23

RESULT 1239  
US-10-017-995-945  
Sequence 945, Application US/10017995  
Publication No. US20030055014A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
FILE REFERENCE: C1037/7025 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/10/017,995  
CURRENT FILING DATE: 2001-12-18  
PRIOR APPLICATION NUMBER: US 60/255,534  
PRIOR FILING DATE: 2000-12-14  
NUMBER OF SEQ ID NOS: 1093  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 945  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-945:

Query Match 0.2% Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4466 TTTTGTGTTTGTGTTTGTG 4484  
|||||  
Db 5 TTTTGTGTTTGTGTTTGTG 23

RESULT 1240  
US-10-158-160A-23/C  
Sequence 23, Application US/10158160A  
Publication No. US20030059805A1  
GENERAL INFORMATION:  
APPLICANT: RAPPOLD-HOERBRAND, GUDRUN  
TITLE OF INVENTION: HUMAN GROWTH GENE AND SHORT STATURE GENE REGION  
FILE REFERENCE: 108351-00004  
CURRENT APPLICATION NUMBER: US/10/158,160A  
CURRENT FILING DATE: 2002-08-20  
PRIOR APPLICATION NUMBER: 09/147,699  
PRIOR FILING DATE: 1999-06-24  
PRIOR APPLICATION NUMBER: PCT/EP97/05355  
PRIOR FILING DATE: 1997-09-29  
PRIOR APPLICATION NUMBER: 60/027,633  
PRIOR FILING DATE: 1996-10-01  
PRIOR APPLICATION NUMBER: EP/97100583.0  
PRIOR FILING DATE: 1997-01-16  
NUMBER OF SEQ ID NOS: 55  
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
OTHER INFORMATION: primer  
US-10-158-160A-23

Query Match 0.2% Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5271 CATTGGGACGAGTGTGCGAG 5289  
|||||  
Db 24 CAAAGGAGCAGGTGTGCGAG 6

RESULT 1241  
US-10-044-692-239/C  
Sequence 239, Application US/10044692  
Publication No. US20030096344A1  
GENERAL INFORMATION:  
APPLICANT: Cecch, Thomas R.  
Langner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin H.  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,692  
FILING DATE: 11-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 239:  
US-10-044-692-239

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 231 GGGAGCAGCTCGGGCGCT 249  
DB 24 GGGTGCAGCTCGGGAGCT 6

RESULT 1242  
US-10-044-539-239/c  
Sequence 239, Application US/10044539  
Publication No. US20030100093A1  
GENERAL INFORMATION:  
APPLICANT: Cecch, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,539  
FILING DATE: 11-Jan-2002  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 239:  
US-10-044-539-239

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 231 GGGAGCAGCTCGGGCGCT 249  
DB 24 GGGTGCAGCTCGGGAGCT 6

RESULT 1243  
US-10-240-376A-126/c  
Sequence 126, Application US/10240376A  
Publication No. US20040161747A1  
GENERAL INFORMATION:  
APPLICANT: Morahan, Grant  
TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE  
DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40  
FILE REFERENCE: DAV1186.001APC  
CURRENT APPLICATION NUMBER: US/10/240,376A  
CURRENT FILING DATE: 2002-09-27  
PRIOR APPLICATION NUMBER: PCT/AU01/00340  
PRIOR FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: PQ 6466  
PRIOR FILING DATE: 2000-03-27  
PRIOR APPLICATION NUMBER: US 60/204,366  
PRIOR FILING DATE: 2000-05-15  
NUMBER OF SEQ ID NOS: 140  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 126  
LENGTH: 24  
TYPE: DNA  
ORGANISM: mammalian  
US-10-240-376A-126

Query Match 0.2%; Score 15.8; DB 1; Length 24;  
Best Local Similarity 89.5%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5316 TTCTCTCTTTCTCTCTT 5334  
DB 19 TTCTACCTTTCTCTCTT 1

RESULT 1244  
US-09-888-326-842/c  
Sequence 842, Application US/09888326  
Publication No. US2003026801A1  
GENERAL INFORMATION:  
APPLICANT: Weiner, George  
Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
Cell Lysis and Treating Cancer  
FILE REFERENCE: C1039/7052 (AWS)  
CURRENT APPLICATION NUMBER: US/09/888,326  
CURRENT FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 842  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-842

Query Match 0.2% Score 15.8; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 1.3e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGGAAACAA 4038  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1245  
US-09-776-479-911/c  
; Sequence 911, Application US/09776479  
; Publication No. US20030087648A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.2% Score 15.8; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 1.3e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGGAAACAA 4038  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1246  
US-09-776-479-911/c  
; Sequence 911, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fournon, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-911

Query Match 0.2% Score 15.8; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 1.3e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGGAAACAA 4038

Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1247  
US-10-314-578-911/c  
; Sequence 911, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Vollmer, Jörg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; PRIOR FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 911  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-911

Query Match 0.2% Score 15.8; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 1.3e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGGAAACAA 4038  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 1248  
US-10-112-653-880/c  
; Sequence 880, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Kriegl, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; PRIOR FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 880  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-880

Query Match 0.2% Score 15.8; DB 1; Length 27;  
Best Local Similarity 74.1%; Pred. No. 1.3e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGGAAACAA 4038  
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

```
RESULT 1249
US-10-017-995-911/C
; Sequence 911, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT FILING DATE: 2001-12-18
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-911
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 27;
Best Local Similarity 74.1%; Pred. No. 1.3e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4012 AAAATGAGAAAAAGAGGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 1250
US-09-282-734-3
; Sequence 3, Application US/09282734A
; Publication No. US20020182597A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT FILING DATE: 1999-03-03
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4012 AAAATGAGAAAAAGAGGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1251
US-09-876-235-8
; Sequence 8, Application US/09876235
; Publication No. US2003002236A1
; GENERAL INFORMATION:
; APPLICANT: Szostek, Jack W.
; APPLICANT: Roberts, Richard W.
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 1
; TITLE OF INVENTION: FUSIONS
```

```
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-8
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4012 AAAATGAGAAAAAGAGGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1252
US-10-348-627-3
; Sequence 3, Application US/10348627
; Publication No. US20030143616A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US/09/282,734A
; PRIOR FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-10-348-627-3
```

```
Query Match          0.2%; Score 15.8; DB 1; Length 29;
Best Local Similarity 74.1%; Pred. No. 1.4e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4012 AAAATGAGAAAAAGAGGAAACAAA 4038
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27
```

```
RESULT 1253
US-10-057-783A-41
; Sequence 41, Application US/10057783A
; Publication No. US20040091955A1
; GENERAL INFORMATION:
; APPLICANT: Forsier, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
```

```

; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC
US-10-057-783A-41

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 29;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAAA 4038
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 1254
US-09-997-931-6/c
; Sequence 6, Application US/09997931
; Publication No. US20030087241A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Kool, Eric
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
; FILE REFERENCE: 220,00010142
; CURRENT APPLICATION NUMBER: US/09/997,931
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/569,344
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 08/805,631
; PRIOR FILING DATE: 1997-02-26
; PRIOR APPLICATION NUMBER: US 08/393,439
; PRIOR FILING DATE: 1995-02-23
; PRIOR APPLICATION NUMBER: US 08/047,860
; PRIOR FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: multimer
US-09-997-931-6

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 29;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAAA 4038
Db 27 AAAAAAAAAAAACAAAAAACAACA 1

RESULT 1255
US-10-217-914-4
; Sequence 4, Application US/10217914
; Publication No. US20030013160A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kujawa
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/10/217,914
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 09/648,040
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 11
```

```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-10-217-914-4

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAAA 4039
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 1256
US-09-891-517-9/c
; Sequence 9, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 2103205-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9

Query Match
Best Local Similarity 0.2%; Score 15.8; DB 1; Length 30;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 4012 AAAATGAGAAAAAGAGAAACAAA 4038
Db 30 AAAAAAAAAAAAGAAAAAAATATA 4

RESULT 1257
US-10-683-386-9/c
; Sequence 9, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
```



Oy 7102 AATAAGAAAAAATGAAATCTTCT 7128  
Db 6 AAAAAAAAAAAAAAAAAATTCCTGCT 32

RESULT 1261  
US-10-611-629-3  
Sequence 3, Application US/10611629  
Publication No. US20040091905A1  
GENERAL INFORMATION:  
APPLICANT: GAO, BAOCHEUAN  
TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A  
FILE REFERENCE: 27433/04012  
CURRENT APPLICATION NUMBER: US/10/611,629  
CURRENT FILING DATE: 2003-07-01  
PRIOR APPLICATION NUMBER: 60/392,251  
PRIOR FILING DATE: 2002-07-01  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: PatentIn Ver. 3.2  
SEQ ID NO 3  
LENGTH: 32  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-611-629-3

Query Match 0.2%; Score 15.8; DB 1; Length 32;  
Best Local Similarity 74.1%; Pred. No. 1.6e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 4011 TAAATGAGAAAAAGAGAAACAA 4037  
Db 3 TAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 1262  
US-10-309-788-10/c  
Sequence 10, Application US/10309788  
Publication No. US20030211466A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Tenenbaum, Scott A.  
APPLICANT: Carson, Craig C.  
APPLICANT: Phelps, William C.  
TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target  
FILE REFERENCE: RBN-001CP  
CURRENT APPLICATION NUMBER: US/10/309,788  
CURRENT FILING DATE: 2003-06-18  
PRIOR APPLICATION NUMBER: US 60/173,338  
PRIOR FILING DATE: 1999-12-28  
PRIOR APPLICATION NUMBER: US 09/750,401  
PRIOR FILING DATE: 2000-12-28  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 10  
LENGTH: 32  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 3'-UTR consensus sequence of GADD45  
US-10-309-788-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;  
Best Local Similarity 74.1%; Pred. No. 1.6e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 4012 AAAATGAGAAAAAGAGAAACAA 4038  
Db 29 AAGACCAAAAAAAAAAGAAAAAAAAA 3

RESULT 1263  
US-10-238-306B-10/c  
Sequence 10, Application US/10238306B  
Publication No. US20030235830A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Tenenbaum, Scott A.  
APPLICANT: Carson, Craig C.  
TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
FILE REFERENCE: RBN-001CN  
CURRENT APPLICATION NUMBER: US/10/238,306B  
CURRENT FILING DATE: 2002-09-10  
PRIOR APPLICATION NUMBER: US 09/750,401  
PRIOR FILING DATE: 2001-12-28  
PRIOR APPLICATION NUMBER: US 60/173,338  
PRIOR FILING DATE: 1999-12-28  
NUMBER OF SEQ ID NOS: 37  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 10  
LENGTH: 32  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 3'-UTR sequence of GADD45  
US-10-238-306B-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;  
Best Local Similarity 74.1%; Pred. No. 1.6e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 4012 AAAATGAGAAAAAGAGAAACAA 4038  
Db 29 AAGACCAAAAAAAAAAGAAAAAAAAA 3

RESULT 1264  
US-10-629-453-10/c  
Sequence 10, Application US/10629453  
Publication No. US20040096878A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Tenenbaum, Scott A.  
APPLICANT: Carson, Craig C.  
TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
FILE REFERENCE: RBN-001DV  
CURRENT APPLICATION NUMBER: US/10/629,453  
CURRENT FILING DATE: 2003-07-29  
PRIOR APPLICATION NUMBER: US 09/750,401  
PRIOR FILING DATE: 2000-12-28  
PRIOR APPLICATION NUMBER: US 60/173,338  
PRIOR FILING DATE: 1999-12-28  
NUMBER OF SEQ ID NOS: 37  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 10  
LENGTH: 32  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 3'-UTR sequence of GADD45  
US-10-629-453-10

Query Match 0.2%; Score 15.8; DB 1; Length 32;  
Best Local Similarity 74.1%; Pred. No. 1.6e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 4012 AAAATGAGAAAAAGAGAAACAA 4038  
Db 29 AAGACCAAAAAAAAAAGAAAAAAAAA 3

```
RESULT 1265
US-10-301-764-17
; Sequence 17, Application US/10301764
; Publication No. US20040039184A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuel
; Melkonyan, Hovsep
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,764
; FILING DATE: 20-No. US20040039184A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-301-764-17

Query Match      0.2%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4468 TTTT TTTT TTTT TTTT TTTG 4484
DB 1 TTTT TTTT TTTT TTTT TTTNS 17

RESULT 1266
US-10-146-474-17
; Sequence 17, Application US/10146474
; Publication No. US20030023061A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuel
; Melkonyan, Hovsep
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
```

```
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,474
; FILING DATE: 14-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-146-474-17

Query Match      0.2%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.1e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4468 TTTT TTTT TTTT TTTT TTTG 4484
DB 1 TTTT TTTT TTTT TTTT TTTNS 17

RESULT 1267
US-09-780-752-17
; Sequence 17, Application US/09780752
; Patent No. US20020019349A1
; GENERAL INFORMATION:
; APPLICANT: Conrad, Kirk P.
; APPLICANT: Martyn Lewis
; APPLICANT: Elaine N. Unemori
; APPLICANT: Xinfan Huang
; APPLICANT: Carol A. Tozzi
; TITLE OF INVENTION: Use of Relaxin to Treat Diseases Related
; TO VASOCONSTRICTION
; FILE REFERENCE: CONN-001
; CURRENT APPLICATION NUMBER: US/09/780,752
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,408
; PRIOR FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/200,284
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/242,216
; PRIOR FILING DATE: 2000-10-20
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-780-752-17

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2408 CCACGATGACACCAACATCAC 2429
      ||||| ||| |||||||||
```



```

; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-788A-46
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGAGA 4492
          |||||
Db       22 TTTTGTCTTGTCTTGAGA 1
```

```

RESULT 1272
US-09-973-638A-43/c
; Sequence 43, Application US/09973638A
; Patent No. US20020137070A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-638A-43
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGAGA 4492
          |||||
Db       22 TTTTGTCTTGTCTTGAGA 1
```

```

RESULT 1273
US-09-973-638A-46/c
```

```

; Sequence 46, Application US/09973638A
; Patent No. US20020137070A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-638A-46
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGAGA 4492
          |||||
Db       22 TTTTGTCTTGTCTTGAGA 1
```

```

RESULT 1274
US-09-974-007-43/c
; Sequence 43, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
```

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; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db      22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1275
US-09-974-007-46/c
; Sequence 46, Application US/09974007
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elphanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-974-007-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db      22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1276
US-09-976-617A-43/c
; Sequence 43, Application US/09976617A
; Patent No. US20020137072A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elphanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTT TTTT TTTT TTTT GCTT GAGA 4492
Db      22 TTTT TTTT TTTT TTTT TACGAG TTGAGA 1

RESULT 1277
US-09-976-617A-46/c
; Sequence 46, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elphanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
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; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservativity 81.8%; Pred. No. 1.1e+03;
Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1278
US-09-961-949A-43/C
; Sequence 43, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservativity 81.8%; Pred. No. 1.1e+03;
Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1279
US-09-961-949A-46/C
; Sequence 46, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
```

```
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservativity 81.8%; Pred. No. 1.1e+03;
Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
DB 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1280
US-09-263-959-614
; Sequence 614, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMassters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
```

```

? TELEPHONE: (206) 682-4900
? TELERAX: (206) 682-6031
? INFORMATION FOR SEQ ID NO: 614::
? SEQUENCE CHARACTERISTICS:
? LENGTH: 22 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
?
US-09-263-959-614

```

Query Match	0.2%	Score 15.6	DB 1	Length 22
Best Local Similarity	81.8%	Pred. No. 1.1e+03		
Matches 18	Conservative 0	Mismatches 4	Indels 0	Gaps 0

Qy	4467	TTTTTTTTTTTTTTTGGCTT	4488
Db	1	TTTGGTTTGGTTTGGTTT	22

RESULT 1281  
US-09-760-500A-43/C  
Sequence 43, Application US/09760500A  
Patent No. US20020155442A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elghanian, Robert  
APPLICANT: Taton, Thomas A.  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
TITLE OF INVENTION: AND USES THEREFOR

Query Match	0.23	Score 15.6	DB 1	Length 22
Best Local	81.83	Pred. No. 1.1e+03		
Matches 18	Conservative	0	Mismatches 4	Indels 0
			Gaps	0

```
OY      4471 TTTT TTTT TTTT TGTCTTGAGA 4492
          ||||| ||||| |||||
Db      22 TTTT TTTT TTTT TACGAGTTGAGA 1
```

RESULT 1282  
US-09-760-500A-46/C  
; Sequence 46, Application US/09760500A  
; Patent No. US20020155442A1  
; GENERAL INFORMATION:  
; APPLICANT: Milkin, Chad A.

```

1  APPLICANT: Letsinger, Robert L.
2  APPLICANT: Mucic, Robert C.
3  APPLICANT: Storchoff, James J.
4  APPLICANT: Elghanian, Robert
5  APPLICANT: Taton, Thomas A.
6  TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
7  TITLE OF INVENTION: AND USES THEREFOR
8  FILE REFERENCE: 00-715-A
9  CURRENT APPLICATION NUMBER: US/09/760,500A
10 CURRENT FILING DATE: 2002-03-05
11 PRIOR APPLICATION NUMBER: 09/603,830
12 PRIOR FILING DATE: 2000-06-26
13 PRIOR APPLICATION NUMBER: 09/344,667
14 PRIOR FILING DATE: 1999-06-25
15 PRIOR APPLICATION NUMBER: 09/240,755
16 PRIOR FILING DATE: 1999-01-29
17 PRIOR APPLICATION NUMBER: PCT/US97/12783
18 PRIOR FILING DATE: 1997-07-21
19 PRIOR APPLICATION NUMBER: 60/031,809
20 PRIOR FILING DATE: 1996-07-29
21 PRIOR APPLICATION NUMBER: 60/200,161
22 PRIOR FILING DATE: 2000-04-26
23 NUMBER OF SEQ ID NOS: 64
24 SOFTWARE: Microsoft Word 2000
25 SEQ ID NO 46
26 LENGTH: 22
27 TYPE: DNA
28 ORGANISM: Artificial Sequence
29 FEATURE:
30 OTHER INFORMATION: Description of Artificial Sequence:random
31 OTHER INFORMATION: synthetic sequence
32 US-09-760-500A-46

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 22;
Best Local Similarity	81.8%;	Pred. NO. 1.1e+03;		
Matches 18; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0

Oy	4471	TTTTTTT	TTTTGTC	TGAGA	4492
Db	22	TTTTTTTTT	TACGAGT	TGAGA	1

```

: RESULT 1283
: US-09-967-409A-43/c
: Sequence 43, Application US/09967409A
: Patent No. US20020155458A1
: GENERAL INFORMATION:
: APPLICANT: Mirkin, Chad A.
: APPLICANT: Letsinger, Robert L.
: APPLICANT: Music, Robert C.
: APPLICANT: Strohoff, James J.
: APPLICANT: Eighanlian, Robert
: APPLICANT: Taton, Thomas A.
: TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
: FILE REFERENCE: 00-713-16
: CURRENT APPLICATION NUMBER: US/09/967,409A
: CURRENT FILING DATE: 2001-09-28
: PRIOR APPLICATION NUMBER: 09/603,830
: PRIOR FILING DATE: 2000-06-26
: PRIOR APPLICATION NUMBER: 09/444,667
: PRIOR FILING DATE: 1999-06-25
: PRIOR APPLICATION NUMBER: 09/240,755
: PRIOR FILING DATE: 1999-01-29
: PRIOR APPLICATION NUMBER: PCT/US97/12783
: PRIOR FILING DATE: 1997-07-21
: PRIOR APPLICATION NUMBER: 60/031,809
: PRIOR FILING DATE: 1996-07-29
: PRIOR APPLICATION NUMBER: 60/200,161
: PRIOR FILING DATE: 2000-04-26
: NUMBER OF SEQ ID NOS: 64
: SOFTWARE: Microsoft word 2000
: SEQ ID NO 43

```

```
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ OTHER INFORMATION: synthetic sequence
US-09-967-409A-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
```

```
RESULT 1284
US-09-967-409A-46/c
; Sequence 46, Application US/09967409A
; Patent No. US20020155458A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-16
; CURRENT APPLICATION NUMBER: US/09/967,409A
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-967-409A-46
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
```

```
RESULT 1285
US-09-975-062A-43/c
; Sequence 43, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
```

```
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-111
/ CURRENT APPLICATION NUMBER: US/09/975,062A
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
/ OTHER INFORMATION: synthetic sequence
US-09-975-062A-43
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```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Qy      4471 TTTTGTCTGCTGAGA 4492
Db      22 TTTTGTCTGCTGAGA 1
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```
RESULT 1286
US-09-975-062A-46/c
; Sequence 46, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
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/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ OTHER INFORMATION: synthetic sequence
US-09-975-062A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
DB      22 TTTTGTCTTGTGAGA 1

RESULT 1287
US-09-976-378A-43/c
/ Sequence 43, Application US/09976378A
/ Patent No. US20020155461A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-125
/ CURRENT APPLICATION NUMBER: US/09/976,378A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-378A-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
DB      22 TTTTGTCTTGTGAGA 1

RESULT 1288
US-09-976-378A-46/c
/ Sequence 46, Application US/09976378A
/ Patent No. US20020155461A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
```

```
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-125
/ CURRENT APPLICATION NUMBER: US/09/976,378A
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-378A-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTGTCTTGTGAGA 4492
DB      22 TTTTGTCTTGTGAGA 1

RESULT 1289
US-09-976-577-43/c
/ Sequence 43, Application US/09976577
/ Patent No. US20020155462A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ FILE REFERENCE: 00-713-120
/ CURRENT APPLICATION NUMBER: US/09/976,577
/ PRIOR FILING DATE: 2002-03-05
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1290
US-09-976-577-46/c
; Sequence 46, Application US/09976577
; Patent No. US2002015462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-577-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1291
US-09-966-312-43/c
; Sequence 43, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

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; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-966-312-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4471 TTTTGTCTTGTCTTGAGA 4492
Db 22 TTTTGTCTTGTCTTGAGA 1

RESULT 1292
US-09-966-312-46/c
; Sequence 46, Application US/09966312
; Patent No. US20020164605A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
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US-09-966-312-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGTGAGA 4492  
DB 22 TTTTCTTTTCTGTGAGA 1

RESULT 1293  
US-09-927-777A-43/C  
; Sequence 43, Application US/09927777A  
; Patent No. US20020172953A1  
; GENERAL INFORMATION:  
; APPLICANT: Markin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; APPLICANT: Garimella, Viswanadham  
; APPLICANT: Li, Zhi  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-653-A  
; CURRENT APPLICATION NUMBER: US/09/927,777A  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820,279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760,500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/176,409  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: 60/192,699  
; PRIOR FILING DATE: 2000-03-28  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/213,906  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 60/224,631  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/254,392  
; PRIOR FILING DATE: 2000-12-09  
; PRIOR APPLICATION NUMBER: 60/255,235  
; PRIOR FILING DATE: 2000-12-11  
; SOFTWARE: Microsoft Word 2000  
; SEO ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-927-777A-43  
Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGTGAGA 4492  
DB 22 TTTTCTTTTCTGTGAGA 1

RESULT 1294  
US-09-927-777A-46/C  
; Sequence 46, Application US/09927777A  
; Patent No. US20020172953A1  
; GENERAL INFORMATION:  
; APPLICANT: Markin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; APPLICANT: Garimella, Viswanadham  
; APPLICANT: Li, Zhi  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-653-A  
; CURRENT APPLICATION NUMBER: US/09/927,777A  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820,279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760,500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/176,409  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: 60/192,699  
; PRIOR FILING DATE: 2000-03-28  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 60/213,906  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 60/224,631  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/254,392  
; PRIOR FILING DATE: 2000-12-09  
; PRIOR APPLICATION NUMBER: 60/255,235  
; PRIOR FILING DATE: 2000-12-11  
; SOFTWARE: Microsoft Word 2000  
; SEO ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-927-777A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGTGAGA 4492  
DB 22 TTTTCTTTTCTGTGAGA 1

RESULT 1295

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US-09-927-777A-73/c
; Sequence 73, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-73

Query March 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTCTTGAGA 4492
Db 22 TTTTCTTTCTTGAGA 1

RESULT 1296
US-09-966-491A-43/c
; Sequence 43, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.

US-09-966-491A-43
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-43

Query March 0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTCTTGAGA 4492
Db 22 TTTTCTTTCTTGAGA 1

RESULT 1297
US-09-966-491A-46/c
; Sequence 46, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: US/09/966,491A
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTCTGAGA 4492
Db 22 TTTTCTTTTCTGAGTTGAGA 1

RESULT 1298
US-09-976-971A-43/c
; Sequence 43, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-971A-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTCTGAGA 4492
Db 22 TTTTCTTTTCTGAGTTGAGA 1

RESULT 1299
US-09-976-971A-46/c
; Sequence 46, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-976-971A-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4471 TTTTCTTTTCTTCTGAGA 4492
Db 22 TTTTCTTTTCTGAGTTGAGA 1

RESULT 1300
US-09-820-279B-43/c
; Sequence 43, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
           ||||| ||||| ||||| |||||
Db       22  TTTT TTTT TTTT TTTT ACAGATTGAGA 1
```

```
RESULT 1301
US-09-820-279B-46/C
; Sequence 46, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-820-279B-46
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
           ||||| ||||| ||||| |||||
Db       22  TTTT TTTT TTTT TTTT ACAGATTGAGA 1
```

```
RESULT 1302
US-09-981-344-43/C
; Sequence 43, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-981-344-43
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred.No.1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4471 TTTT TTTT TTTT TTTT GCTTGAGA 4492
           ||||| ||||| ||||| |||||
Db       22  TTTT TTTT TTTT TTTT ACAGATTGAGA 1
```

```
RESULT 1303
US-09-981-344-46/C
; Sequence 46, Application US/09981344
; Publication No. US20030044805A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-122
; CURRENT APPLICATION NUMBER: US/09/981,344
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
```

```
; OTHER INFORMATION: synthetic sequence
US-09-981-344-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1304
US-09-957-318A-43/C
; Sequence 43, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-957-318A-43

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1305
US-09-957-318A-46/C
; Sequence 46, Application US/09957318A
; Publication No. US20030049630A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-957-318A-46
```

```
; FILE REFERENCE: 00-713-12
; CURRENT APPLICATION NUMBER: US/09/957,318A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-957-318A-46

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 22;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTCTGCTGAGA 4492
Db 22 TTTTCTTTTCTGCTGAGA 1

RESULT 1306
US-09-974-500A-43/C
; Sequence 43, Application US/09974500A
; Publication No. US20030049631A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-17
; CURRENT APPLICATION NUMBER: US/09/974,500A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-974-500A-43
```

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
|||||  
Db 22 TTTTGTCTTGTCTTGAGA 1

## RESULT 1307

US-09-974-500A-46/c  
; Sequence 46, Application US/09974500A  
; Publication No. US20030049631A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-17  
; CURRENT APPLICATION NUMBER: US/09/974,500A  
; CURRENT FILING DATE: 2002-04-01  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-974-500A-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
|||||  
Db 22 TTTTGTCTTGTCTTGAGA 1

## RESULT 1308

US-09-770-107-108  
; Sequence 108, Application US/09770107  
; Publication No. US20030054345A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Meyer, Joanne  
; APPLICANT: Barrington-Martin, Rory  
; APPLICANT: Parker, Alexander  
; APPLICANT: Barnes, Glenn  
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of  
; FILE REFERENCE: 3322/0H401  
; CURRENT APPLICATION NUMBER: US/09/770,107  
; CURRENT FILING DATE: 2001-01-24

; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 108  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-770-107-108

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5166 CTGGGACATGGGCTCTGCATG 5187  
|||||  
Db 1 CTGGGACATGGGCTCTGCATG 22

## RESULT 1309

US-09-975-376A-43/c  
; Sequence 43, Application US/09975376A  
; Publication No. US20030054358A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-112  
; CURRENT APPLICATION NUMBER: US/09/975,376A  
; CURRENT FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-09-975-376A-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
|||||  
Db 22 TTTTGTCTTGTCTTGAGA 1

## RESULT 1310

US-09-975-376A-46/c  
; Sequence 46, Application US/09975376A  
; Publication No. US20030054358A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.

```

; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-112
; CURRENT APPLICATION NUMBER: US/09/975,376A
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-975-376A-46

Query Match          0.2%  Score 15.6;  DB 1;  Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      4471 TTTTGTCTTGAGA 4492
          |||||
Db      22 TTTTGTCTTGAGA 1
```

```

RESULT 1311
US-09-957-313A-43/c
; Sequence 43, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-957-313A-43
```

```

Query Match          0.2%  Score 15.6;  DB 1;  Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      4471 TTTTGTCTTGAGA 4492
          |||||
Db      22 TTTTGTCTTGAGA 1
```

```

RESULT 1312
US-09-957-313A-46/c
; Sequence 46, Application US/09957313A
; Publication No. US20030059777A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-13
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-957-313A-46
```

```

Query Match          0.2%  Score 15.6;  DB 1;  Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      4471 TTTTGTCTTGAGA 4492
          |||||
Db      22 TTTTGTCTTGAGA 1
```

```

RESULT 1313
US-09-976-863A-43/c
; Sequence 43, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
```

```
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ OTHER INFORMATION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-119
/ CURRENT APPLICATION NUMBER: US/09/976,863A
/ PRIOR FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ US-09-976-863A-43
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1314
US-09-976-863A-46/C
/ Sequence 46, Application US/09976863A
/ Publication No. US20030068622A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Taton, Thomas A.
/ APPLICANT: Elghanian, Robert
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ OTHER INFORMATION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-119
/ CURRENT APPLICATION NUMBER: US/09/976,863A
/ PRIOR FILING DATE: 2001-10-12
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ US-09-976-863A-46
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1315
US-09-976-601A-43/C
/ Sequence 43, Application US/09976601A
/ Publication No. US20030124528A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ OTHER INFORMATION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-116
/ CURRENT APPLICATION NUMBER: US/09/976,601A
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

```
/ OTHER INFORMATION: Description of Artificial Sequence:random
/ US-09-976-601A-43
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4471 TTTTCTTTTCTCTGAGA 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1
```

```
RESULT 1316
US-09-976-601A-46/C
/ Sequence 46, Application US/09976601A
/ Publication No. US20030124528A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

```

; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-601A-46

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4471 TTTTCTTTTCTGCTGAGA 4492
Db      22 TTTTCTTTTCTGAGTTGAGA 1

```

```

RESULT 1317
US-09-975-059A-43/C
; Sequence 43, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence

```

```

US-09-975-059A-43

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4471 TTTTCTTTTCTGCTGAGA 4492
Db      22 TTTTCTTTTCTGAGTTGAGA 1

```

```

RESULT 1318
US-09-975-059A-46/C
; Sequence 46, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-46

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      4471 TTTTCTTTTCTGCTGAGA 4492
Db      22 TTTTCTTTTCTGAGTTGAGA 1

```

```

RESULT 1319
US-09-976-968A-43/C
; Sequence 43, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117

```

```
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; US-09-976-968A-43
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGAGA 4492
Db      22 TTTTGTCTTGTCTTGAGA 1
```

```
RESULT 1320
US-09-976-968A-46/c
; Sequence 46, Application US/0976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; US-09-976-968A-46
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4471 TTTTGTCTTGTCTTGAGA 4492
Db      22 TTTTGTCTTGTCTTGAGA 1
```

```
RESULT 1321
US-09-844-861A-80
; Sequence 80, Application US/09844861A
; Publication No. US20030216304A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Spytek, Kimberly
; APPLICANT: Burgess, Catherine
; APPLICANT: Lepley, Denise
; APPLICANT: Grose, William
; APPLICANT: Szekeres, Edward
; APPLICANT: Alsobrook, John
; APPLICANT: Gangoli, Bsha
; APPLICANT: Casman, Stacie
; APPLICANT: MacDougall, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US20030216304A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-789 US
; CURRENT APPLICATION NUMBER: US/09/844,861A
; CURRENT FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/199,947
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/199,960
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/225,226
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/256,399
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/256,524
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/258,159
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/258,511
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/258,828
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/259,659
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 60/275,604
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 80
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; US-09-844-861A-80
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6797 CTAAGCAGATTGGAGAGAGGT 6818
Db      1 CTAAGCAGAAAGGATGAGAGAT 22
```

```
RESULT 1322
US-09-844-861A-83
; Sequence 83, Application US/09844861A
```

```
; Publication No. US20030216304A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Spylek, Kimberly
; APPLICANT: Burgess, Catherine
; APPLICANT: Lepley, Denise
; APPLICANT: Groesse, William
; APPLICANT: Szekeres, Edward
; APPLICANT: Alsbrook, John
; APPLICANT: Gangolli, Esha
; APPLICANT: Casman, Stacie
; APPLICANT: MacDougall, John
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-789 US
; CURRENT APPLICATION NUMBER: US/09/844,861A
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/199,947
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/199,960
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/225,226
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/256,399
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/256,524
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/258,159
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/258,511
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/258,828
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/259,659
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 60/275,604
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; US-09-844-861A-83

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6797  CTAAGCAGATTGGAGAGAGGT 6818
Db      1  CTAAGCAGAAAGGATGAGAT 22

RESULT 1323
US-09-981-566A-167
; Sequence 167, Application US/09981566A
; Publication No. US2004000556A1
; GENERAL INFORMATION:
; APPLICANT: Kekuda et al.
; TITLE OF INVENTION: No. US2004000556A1el GPCR-like Proteins and Nucleic Acids Encodi
; FILE REFERENCE: 21402-163
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/240,704
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,159
; PRIOR FILING DATE: 2001-01-17
```

```
; PRIOR APPLICATION NUMBER: 60/263,340
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/264,118
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/308,203
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/243,497
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/244,542
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/269,031
; PRIOR FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/245,484
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: 60/255,017
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/263,216
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/268,225
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 209
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 167
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; US-09-981-566A-167

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.le+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6797  CTAAGCAGATTGGAGAGAGGT 6818
Db      1  CTAAGCAGAAAGGATGAGAT 22

RESULT 1324
US-09-981-566A-182/c
; Sequence 182, Application US/09981566A
; Publication No. US2004000556A1
; GENERAL INFORMATION:
; APPLICANT: Kekuda et al.
; TITLE OF INVENTION: No. US2004000556A1el GPCR-like Proteins and Nucleic Acids Encodi
; FILE REFERENCE: 21402-163
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 60/240,704
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,159
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/263,340
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/264,118
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/308,203
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/243,497
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/244,542
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/269,031
; PRIOR FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/245,484
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: 60/255,017
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/263,216
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/263,216
; PRIOR FILING DATE: 2001-01-22
```

```
; PRIOR APPLICATION NUMBER: 60/268,225
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 209
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 182
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-981-566A-182

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5700 TTGCTTCTCTTTCTCTCTCTC 5721
Db      22 TTACCCACCTTTCTCTCTCTC 1

RESULT 1325
US-10-640-618-43/c
; Sequence 43, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; PRIOR FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-640-618-43
```

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Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTCTCTCTCTGGA 4492
Db      22 TTTTCTTTCTCTCTCTGGA 1

RESULT 1326
US-10-640-618-46/c
; Sequence 46, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; PRIOR FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-640-618-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1,1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4471 TTTTCTTTCTCTCTCTGGA 4492
Db      22 TTTTCTTTCTCTCTCTGGA 1

RESULT 1327
US-09-874-991C-617
; Sequence 617, Application US/09874991C
; Publication No. US20040052763A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: MOND, JAMES J.
/ APPLICANT: FLORA, MICHAEL
/ APPLICANT: KLIMAN, DENNIS M.
/ TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
/ FILE REFERENCE: 07787.0042-0
/ CURRENT APPLICATION NUMBER: US/09/874,991C
/ PRIOR FILING DATE: 2001-06-07
/ PRIOR APPLICATION NUMBER: 60/209,797
/ PRIOR FILING DATE: 2000-06-07
/ NUMBER OF SEQ ID NOS: 620
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 617
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
US-09-874-991C-617

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4454 TGGCATGACCTTTTCTTTT 4475
Db 1 TCGTATGTACTCTTTTCTTTT 22

RESULT 1328
US-10-632-658-49/c
/ Sequence 49, Application US/10632658
/ Publication No. US20040053223A1
/ GENERAL INFORMATION:
/ APPLICANT: BEE, Gary G.
/ APPLICANT: YANG, Yeasing Y.
/ APPLICANT: KOLK, Dan
/ APPLICANT: GIACHETTI, Cristina
/ APPLICANT: MCDONOUGH, Sherol H.
/ TITLE OF INVENTION: DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
/ FILE REFERENCE: GPI03-02.UT
/ CURRENT APPLICATION NUMBER: US/10/632,658
/ PRIOR FILING DATE: 2003-08-01
/ PRIOR APPLICATION NUMBER: US/09/611,627
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 60/143,072
/ PRIOR FILING DATE: 1999-07-09
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 49
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-632-658-49

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4306 TTCCTTCCCTGGACTGTCCTC 4327
Db 22 TTCCTTCCCTGGACTGTCCTC 1

RESULT 1329
US-09-975-498-43/c
/ Sequence 43, Application US/09975498
/ Publication No. US20020160381A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
```

```
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-114
/ CURRENT APPLICATION NUMBER: US/09/975,498
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 43
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: random
US-09-975-498-43

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 4471 TTTTCTTTTCTTTGCTTGACA 4492
Db 22 TTTTCTTTTCTTTGCTTGACA 1

RESULT 1330
US-09-975-498-46/c
/ Sequence 46, Application US/09975498
/ Publication No. US20020160381A1
/ GENERAL INFORMATION:
/ APPLICANT: Mirkin, Chad A.
/ APPLICANT: Letsinger, Robert L.
/ APPLICANT: Mucic, Robert C.
/ APPLICANT: Storchoff, James J.
/ APPLICANT: Elghanian, Robert
/ APPLICANT: Taton, Thomas A.
/ TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
/ TITLE OF INVENTION: AND USES THEREFOR
/ FILE REFERENCE: 00-713-114
/ CURRENT APPLICATION NUMBER: US/09/975,498
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: 09/603,830
/ PRIOR FILING DATE: 2000-06-26
/ PRIOR APPLICATION NUMBER: 09/344,667
/ PRIOR FILING DATE: 1999-06-25
/ PRIOR APPLICATION NUMBER: 09/240,755
/ PRIOR FILING DATE: 1999-01-29
/ PRIOR APPLICATION NUMBER: PCT/US97/12783
/ PRIOR FILING DATE: 1997-07-21
/ PRIOR APPLICATION NUMBER: 60/031,809
/ PRIOR FILING DATE: 1996-07-29
/ PRIOR APPLICATION NUMBER: 60/200,161
/ PRIOR FILING DATE: 2000-04-26
/ NUMBER OF SEQ ID NOS: 64
/ SOFTWARE: Microsoft Word 2000
/ SEQ ID NO 46
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LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-975-498-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTGAGA 4492  
DB 22 TTTTGTCTGAGA 1

RESULT 1331  
US-10-173-509-1  
Sequence 1, Application US/10173509  
Publication No. US20030017490A1  
GENERAL INFORMATION:  
APPLICANT: Belyavsky et al.  
TITLE OF INVENTION: Method Of Identification And  
Cloning Differentially Expressed  
Messenger RNAs  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann & Baron  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/173,509  
FILING DATE: 18-Jun-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/664,534  
FILING DATE: 18-Sep-2000  
APPLICATION NUMBER: US/08/499,899  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: O'Dea, Sean W.  
REGISTRATION NUMBER: 37690  
REFERENCE/DOCKET NUMBER: 454-8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-173-509-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4455 GGCGAGCTTTTCTTTT 4476  
DB 1 GGAGGCCCTTTTCTTTT 22

RESULT 1332  
US-10-008-978-43/C  
Sequence 43, Application US/10008978  
Publication No. US20030087242A1  
GENERAL INFORMATION:  
APPLICANT: Mitkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Stornoff, James J.  
APPLICANT: Elghamian, Robert  
APPLICANT: Taton, Thomas A.  
APPLICANT: Garimella, Viswanadham  
APPLICANT: Li, Zhi  
APPLICANT: Park, So-Jung  
APPLICANT: Lu, Gang  
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
FILE REFERENCE: 00-1272-C  
CURRENT APPLICATION NUMBER: US/10/008,978  
CURRENT FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: 09/927,777  
PRIOR FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 09/820,279  
PRIOR FILING DATE: 2001-03-28  
PRIOR APPLICATION NUMBER: 09/760,500  
PRIOR FILING DATE: 2001-01-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/176,409  
PRIOR FILING DATE: 2000-01-13  
PRIOR APPLICATION NUMBER: 60/192,699  
PRIOR FILING DATE: 2000-03-28  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/213,906  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/224,631  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/254,392  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/254,418  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/255,235  
PRIOR FILING DATE: 2000-12-11  
PRIOR APPLICATION NUMBER: 60/255,236  
PRIOR FILING DATE: 2000-12-11  
PRIOR APPLICATION NUMBER: 60/282,640  
PRIOR FILING DATE: 2000-04-01  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 43  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-10-008-978-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTGAGA 4492  
DB 1 TTTTGTCTGAGA 1



Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4471 TTTT TTTT TTTT TTTT GCTTGTGAGA 4492  
DB 22 TTTT TTTT TTTT TTTT TTTTACGAGTTGAGA 1

RESULT 1335  
US-10-120-305A-3/c  
; Sequence 3, Application US/10120305A  
; Publication No. US20030096257A1  
; GENERAL INFORMATION:  
; APPLICANT: SHINOKI, HIROSHI  
; APPLICANT: MAKINO, YOSHIIKO  
; APPLICANT: TAKESHITA, YUMIKO  
; APPLICANT: YAMANOUCHI, JUNICHI  
; APPLICANT: SUDO, YUKIO  
; APPLICANT: SESHIMOTO, OSAMU  
; TITLE OF INVENTION: DNA CHIP AND REACTIVE SOLID CARRIER  
; FILE REFERENCE: JG-YI-5025CIP  
; CURRENT APPLICATION NUMBER: US/10/120,305A  
; CURRENT FILING DATE: 2002-12-30  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HYPOTHETICAL SEQUENCE  
US-10-120-305A-3

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1605 GCTCAGAACTTCACAGCCAG 1626  
DB 22 GATCTGGAACCTTCACAGACTAG 1

RESULT 1336  
US-10-153-791-1/c  
; Sequence 1, Application US/10153791  
; Publication No. US20030109062A1  
; GENERAL INFORMATION:  
; APPLICANT: HIROKO INOMATA, et al.  
; TITLE OF INVENTION: REACTIVE SOLID SUPPORT AND DNA FRAGMENT DETECTION TOOL  
; FILE REFERENCE: 2870-0195P  
; CURRENT APPLICATION NUMBER: US/10/153,791  
; CURRENT FILING DATE: 2002-05-24  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Sample oligonucleotide used in the dotting and fluorescent label  
; OTHER INFORMATION: experiments  
US-10-153-791-1

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1605 GCTCAGAACTTCACAGCCAG 1626  
DB 22 GATCTGGAACCTTCACAGACTAG 1

RESULT 1337  
US-10-214-670-2/c  
; Sequence 2, Application US/10214670  
; Publication No. US20030180715A1  
; GENERAL INFORMATION:  
; APPLICANT: Tibotec Pharmaceuticals Ltd.  
; TITLE OF INVENTION: Methods and means for assessing HIV envelope inhibitor  
; FILE REFERENCE: VIP-0021 seq listing  
; CURRENT APPLICATION NUMBER: US/10/214,670  
; CURRENT FILING DATE: 2002-08-08  
; PRIOR APPLICATION NUMBER: EP 01203011.0  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/310497  
; PRIOR FILING DATE: 2001-08-08  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Human immunodeficiency virus  
US-10-214-670-2

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 7413 CAGCAGCAGCAGCAGCAGCAGC 7434  
DB 22 CAGCAGCAGCAGCAGCAGCAGCAGC 1

RESULT 1338  
US-10-410-324-43/c  
; Sequence 43, Application US/10410324  
; Publication No. US20030180783A1  
; GENERAL INFORMATION:  
; APPLICANT: Mirkin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Mucic, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-126  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; CURRENT FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
; OTHER INFORMATION: synthetic sequence  
US-10-410-324-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
DB 22 TTTTGTCTTGTCTTGAGA 1

## RESULT 1339

US-10-410-324-46/c  
; Sequence 46, Application US/10410324  
; Publication No. US20030180783A1  
; GENERAL INFORMATION:  
; APPLICANT: Markin, Chad A.  
; APPLICANT: Letsinger, Robert L.  
; APPLICANT: Music, Robert C.  
; APPLICANT: Storchoff, James J.  
; APPLICANT: Elghanian, Robert  
; APPLICANT: Taton, Thomas A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 00-713-126  
; CURRENT APPLICATION NUMBER: US/10/410,324  
; PRIOR FILING DATE: 2003-04-09  
; PRIOR APPLICATION NUMBER: 09/961,949  
; PRIOR FILING DATE: 2001-09-20  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/200,161  
; PRIOR FILING DATE: 2000-04-26  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 46  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
US-10-410-324-46

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
DB 22 TTTTGTCTTGTCTTGAGA 1

## RESULT 1340

US-10-204-884-93/c  
; Sequence 93, Application US/10204884  
; Publication No. US20030186371A1  
; GENERAL INFORMATION:  
; APPLICANT: Oxagen Limited  
; APPLICANT: Olaveson, Mark  
; APPLICANT: Lench, Nick  
; APPLICANT: Allen, Maxine  
; APPLICANT: Tazi-Jhimi, Rachid  
; TITLE OF INVENTION: Test and model for inflammatory disease  
; FILE REFERENCE: P30000WO-PS  
; CURRENT APPLICATION NUMBER: US/10/204,884  
; CURRENT FILING DATE: 2003-01-29

; PRIOR APPLICATION NUMBER: GB 0004312.5  
; PRIOR FILING DATE: 2000-02-23  
; NUMBER OF SEQ ID NOS: 189  
; SOFTWARE: Patencin version 3.1  
; SEQ ID NO 93  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-204-884-93

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4925 GGAGCTGTGAGTACTCTCTT 4946  
DB 22 GGAGCTGTGAGTACTCTCTT 1

## RESULT 1341

US-10-266-983-43/c  
; Sequence 43, Application US/10266983  
; Publication No. US20030207296A1  
; GENERAL INFORMATION:  
; APPLICANT: Park, So-Jung  
; APPLICANT: Taton, Thomas Andrew  
; APPLICANT: Markin, Chad A.  
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
; FILE REFERENCE: 01-1565-A  
; CURRENT APPLICATION NUMBER: US/10/266,983  
; CURRENT FILING DATE: 2002-10-08  
; PRIOR APPLICATION NUMBER: 09/927,777  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 09/820,279  
; PRIOR FILING DATE: 2001-03-28  
; PRIOR APPLICATION NUMBER: 09/760,500  
; PRIOR FILING DATE: 2001-01-12  
; PRIOR APPLICATION NUMBER: 09/603,830  
; PRIOR FILING DATE: 2000-06-26  
; PRIOR APPLICATION NUMBER: 09/344,667  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: 09/240,755  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: PCT/US97/12783  
; PRIOR FILING DATE: 1997-07-21  
; PRIOR APPLICATION NUMBER: 60/031,809  
; PRIOR FILING DATE: 1996-07-29  
; PRIOR APPLICATION NUMBER: 60/176,409  
; PRIOR FILING DATE: 2000-01-13  
; PRIOR APPLICATION NUMBER: 60/192,639  
; PRIOR FILING DATE: 2000-03-28  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 82  
; SOFTWARE: Microsoft Word 2000  
; SEQ ID NO 43  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: random  
US-10-266-983-43

Query Match 0.2%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTGTCTTGTCTTGAGA 4492  
DB 22 TTTTGTCTTGTCTTGAGA 1

```
RESULT 1342
US-10-266-983-46/c
; Sequence 46, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-46

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGACA 4492
DB 22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1343
US-10-266-983-73/c
; Sequence 73, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Tacon, Thomas Andrew
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
```

```
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 73
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-73

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4471 TTTTCTTTTGTCTTGACA 4492
DB 22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1344
US-10-435-696-156/c
; Sequence 156, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS,
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 156
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-435-696-156

Query Match          0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5869 AGGTCAGGCTAGCTCCTGA 5890
DB 22 AGGGCAGGCTGAGTCCGTGA 1
```

```
RESULT 1345
US-10-180-331-3/C
; Sequence 3, Application US/10180331
; Publication No. US20040086950A1
; GENERAL INFORMATION:
; APPLICANT: SHINOKI, Hiroshi et al.
; TITLE OF INVENTION: STRUCTURE IN WHICH BIOLOGICAL MATERIAL IS FIXED AND METHOD FOR
; FILE REFERENCE: 2870-0193P
; CURRENT FILING DATE: 2002-06-27
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-180-331-3

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1605 GGTCAAGAACTTCACAGACCAG 1626
Db      22 GATCTGAACTTCACAGACTTAG 1

RESULT 1346
US-10-716-829-43/C
; Sequence 43, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/10/716,829
; PRIOR FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-716-829-43

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTCTTTTCTTGAGG 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1347
US-10-716-829-46/C
; Sequence 46, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/10/716,829
; PRIOR FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: US/09/760,500A
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-10-716-829-46

Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4471 TTTTCTTTTCTTGAGG 4492
Db      22 TTTTCTTTTACGAGTTGAGA 1

RESULT 1348
US-10-766-590-4/C
; Sequence 4, Application US/10766590
; Publication No. US20040180370A1
; GENERAL INFORMATION:
; APPLICANT: Tabakoff, Boris
; APPLICANT: Martinek, Larry
; APPLICANT: Hoffman, Paula
; TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
; FILE REFERENCE: UIC-08617
; CURRENT APPLICATION NUMBER: US/10/766,590
; PRIOR FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/443,072
; PRIOR FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-766-590-4
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5327 TCTCTCTTGGCAGCTCTCTC 5348
Db      22 TCTCTCTCTCTCTCTCTCTC 1
```

```
RESULT 1349
US-09-901-484A-461
; Sequence 461, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueterec, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T111XC3D2
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US/09/901,484A
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(23)
; OTHER INFORMATION: microsequencing oligo for 4-60-293.misl
US-09-901-484A-461
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3959 ATGTTCAATATTTCTTACTG 3980
Db      1 AAGTTCAATATTTCTTACTG 22
```

```
RESULT 1350
US-09-853-526-461
; Sequence 461, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueterec, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
```

```
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 461
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..23
; OTHER INFORMATION: microsequencing oligo for 4-60-293.misl
US-09-853-526-461
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3959 ATGTTCAATATTTCTTACTG 3980
Db      1 AAGTTCAATATTTCTTACTG 22
```

```
RESULT 1351
US-09-864-636A-2572/c
; Sequence 2572, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chetuk, Lulame
; APPLICANT: Chetuk, Lulame
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2572
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2276 CCTGCATCAAACTGGAAGA 2297
Db      23 CCAGCATCAAGCTGAAGAAGA 2
```

```
RESULT 1352
US-09-792-818-2204
; Sequence 2204, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: MCSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Insert
```

```

; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2204
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-792-818-2204

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7413 CAGCAGCAGCAGCAGCAGCAGC 7434
Db      1 CAGCAGCAGCAGCAGCAGCAGC 22

RESULT 1353
US-09-864-426A-2572/c
; Sequence 2572, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2572

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2276 CCTGCATCAACTGGAAAAAGA 2297
Db      23 CCAGCATCAAGCTGAAAGAGCA 2

RESULT 1354
US-10-399-872-5/c
; Sequence 5, Application US/10399872
; Publication No. US20040072147A1
; GENERAL INFORMATION:
; APPLICANT: HARRIS, ROBERT B.
; APPLICANT: REYNOLDS, THOMAS R.
; TITLE OF INVENTION: DETECTION AND QUANTITATION OF HUMAN HERPES VIRUSES
; FILE REFERENCE: 038098-0115
; CURRENT APPLICATION NUMBER: US/10/399,872
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/US01/31892
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer

```

```

US-10-399-872-5

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5703 CCTTCCTTCTCTCTCTCTCTCT 5724
Db      23 CCATCCTCTCACTCTCACTCT 2

RESULT 1355
US-10-384-491-196
; Sequence 196, Application US/10384491
; Publication No. US20030224040A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: BAYLIN, Stephen B.
; APPLICANT: HERMAN, James
; APPLICANT: Suzuki, Hiromu
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED GENES ASSOCIATED WITH
; FILE REFERENCE: JH01850-1
; CURRENT APPLICATION NUMBER: US/10/384,491
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/362,422
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 296
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 196
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-384-491-196

Query Match      0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      131 GCAGCAGAGTGTGGGTACCT 152
Db      1 GCAGAGAGATGTAGAGAACT 22

RESULT 1356
US-10-084-839-2572/c
; Sequence 2572, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetaka Y.
; APPLICANT: Thompson, Lisa C.

```

```

; APPLICANT: Veddik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: PORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2572
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2572
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2276 CCTGCATCAAACTGGAAGA 2297
Db      23  CCAGCTCAGCTGAAAGAGA 2
```

```

RESULT 1357
US-10-297-068-431/c
; Sequence 431, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 431
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-297-068-431
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1610 AGAAGCTCAGACGACGTCG 1631
Db      23  AGAGCTCAGCTGACGCGCG 2
```

```

RESULT 1358
US-10-297-068-437/c
; Sequence 437, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
```

```

; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 437
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-297-068-437
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1610 AGAAGCTCAGACGACGTCG 1631
Db      23  AGAGCTCAGCTGACGCGCG 2
```

```

RESULT 1359
US-10-361-006-2
; Sequence 2, Application US/10361006
; Publication No. US2003023356A1
; GENERAL INFORMATION:
; APPLICANT: Dooley, Thomas
; APPLICANT: Carto, Ernest
; APPLICANT: Davis, Richard
; TITLE OF INVENTION: SKIN CELL BIOMARKERS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING BIOMARKERS USING NUCLEIC ACID MICROARRAYS
; FILE REFERENCE: 544512000200
; CURRENT APPLICATION NUMBER: US/10/361,006
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/354,519
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-361-006-2
```

```

Query Match          0.2%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred.No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      7417 AGCAGCAGACGACGACAA 7438
Db      1  AGCAGCAAGACGAGTACAA 22
```

```

RESULT 1360
US-10-388-214A-25/c
; Sequence 25, Application US/10388214A
; Publication No. US2004008762A1
; GENERAL INFORMATION:
; APPLICANT: Bael, Gurliq
; APPLICANT: Saldanha, Jose
; TITLE OF INVENTION: HUMANIZED ANTIBODIES THAT RECOGNIZE BETA
; TITLE OF INVENTION: AMYLOID PEPTIDE
; FILE REFERENCE: EBN-004
; CURRENT APPLICATION NUMBER: US/10/388,214A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/363,751
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 23
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-388-214A-25

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5568 TGTTCGACGACGAGCTTGGCTC 5589
Db 22 TGTTCGACGACGAGCTTATCTC 1

RESULT 1361
US-10-664-422-380/c
; Sequence 380, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND
; FILE REFERENCE: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; CURRENT APPLICATION NUMBER: US/10/664,422
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: Patencin version 3.1
; SEQ ID NO 380
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-422-380.

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4296 GTGCATCTTTTCTCCCTG 4317
Db 23 GTGCATCTTTTCTCCCTG 2

RESULT 1362
US-10-664-423-380/c
; Sequence 380, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND
; FILE REFERENCE: USING SAME TO ASSESS, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; CURRENT APPLICATION NUMBER: US/10/664,423
; CURRENT FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: Patencin version 3.1
; SEQ ID NO 380
; LENGTH: 23
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-423-380

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4296 GTGCATCTTTTCTCCCTG 4317
Db 23 GTGCATCTTTTCTCCCTG 2

RESULT 1363
US-10-699-557-8
; Sequence 8, Application US/10699557
; Publication No. US20040180357A1
; GENERAL INFORMATION:
; APPLICANT: Samuel Jotham Reich
; APPLICANT: Enrico Maria Surace
; APPLICANT: Michael J. Tolentino
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA
; FILE REFERENCE: 43826-0002US1
; CURRENT APPLICATION NUMBER: US/10/699,557
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 60/423,262
; PRIOR FILING DATE: 2002-11-01
; NUMBER OF SEQ ID NOS: 299
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA antisense strand
US-10-699-557-8

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 23;
Matches 9; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

Qy 5338 CTCACCTCTCTCAGTGTGTTT 5359
Db 2 CACACUGUGCCAGUAGUUU 23

RESULT 1364
US-10-699-557-10
; Sequence 10, Application US/10699557
; Publication No. US20040180357A1
; GENERAL INFORMATION:
; APPLICANT: Samuel Jotham Reich
; APPLICANT: Enrico Maria Surace
; APPLICANT: Michael J. Tolentino
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA
; FILE REFERENCE: 43826-0002US1
; CURRENT APPLICATION NUMBER: US/10/699,557
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: US 60/423,262
; PRIOR FILING DATE: 2002-11-01
; NUMBER OF SEQ ID NOS: 299
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA antisense strand
US-10-699-557-10
```

Query Match	0.2%;	Score 15.6;	DB 1;	Length 23;
Best Local Similarity	50.0%;	Pred. No. 1.2e+03;		
Matches 11;	Conservative 7;	Mismatches 4;	Indels 0;	Gaps 0;

```

QY      5338  CTCACTCTCTCCAGTTGGTTT  5355
          |||: : |||: : |||
DB      2     CACACUGUGUCCAGUAGUTT  23

```

RESULT 1365  
 US-10-309-775A-28/c  
 : Sequence 28, Application US/10309775A  
 : Publication No. US20040006032A1  
 : GENERAL INFORMATION:  
 : APPLICANT: LOPEZ, Ricardo A.  
 : TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
 : FILE REFERENCE: 2901/0M327  
 : CURRENT APPLICATION NUMBER: US/10/309,775A  
 : CURRENT FILING DATE: 2002-12-04  
 : PRIOR APPLICATION NUMBER: CA 2,388,049  
 : PRIOR FILING DATE: 2002-05-30  
 : NUMBER OF SEQ ID NOS: 74  
 : SOFTWARE: PatentIn version 3.1  
 : SEQ ID NO 28  
 : LENGTH: 24  
 : TYPE: DNA  
 : ORGANISM: Artificial Sequence  
 : FEATURE:  
 : OTHER INFORMATION: PCR primer  
 US-10-309-775A-28

Query Match	0.2%	Score 15.6;	DB 1;	length 24;
Best Local Similarity	81.8%;	Pred. No. 1.3e+03;		
Matches 18;	Conservative	0;	Mismatches 4;	Indels 0;
			Gaps	0;

Oy	4012	AAATGAGAAAAACAGAGAAA	4033
Db	22	AAATGAATAAAAAAAAAA	1

```

RESULT 1366
US-09-487-318-9/C
: Sequence 9, Application US/09487318
: Publication NO. US20020182186A1
: GENERAL INFORMATION:
: APPLICANT: Reid, Loia M
: APPLICANT: Nicholas, Moss
: APPLICANT: Hiroshi, Kubota
: TITLE OF INVENTION: Human Liver Progenitor
: FILE REFERENCE: 212875-00101
: CURRENT APPLICATION NUMBER: US/09/487,318
: CURRENT FILING DATE: 2000-01-19
: PRIOR APPLICATION NUMBER: US 60/116,331
: PRIOR FILING DATE: 2000-01-19
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 9
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-487-318-9

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 24;
Best Local Similarity	81.8%;	Pred. No. 1.3e+03;		
Matches 18;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;

OY	6044	AGCTGGTTTCTCTCATTCGCTT	6065
Db	22	AGCTGCCTTCTCTTAATTCCTT	1

RESULT 1367  
US-09-539-382-61/c

```

Sequence 61: Application US/09539382
Publication No.: US2003004417A1
GENERAL INFORMATION:
APPLICANT: MCCORMICK, Alison
APPLICANT: TUSE, Daniel
APPLICANT: REINL, Stephen
APPLICANT: LINDBO, John
APPLICANT: TURPEN, Thomas
TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CANC
FILE REFERENCE: 18696-169195
CURRENT APPLICATION NUMBER: US/09/539,382
CURRENT FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: US 60/155,579
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 61
LENGTH: 24
TYPE: DNA
ORGANISM: Unknown
FEATURE:
NAME/KEY: misc feature
LOCATION: (..T)
OTHER INFORMATION: primer
US-09-539-382-61

```

Query Match	0.2%	Score 15.6	DB 1	Length 24
Best Local Similarity	40.9%	Pred. No. 1.3e+03		
Matches	9	Conservative	12	Mismatches 1
				Indels 0
				Gaps 0

```

Oy      7410 CATCAGCAGCAGCAGCAGCAGC 7431
          |||:::|:::|:::|:::|:::
Db      22  CATGASYASYASYASYASYASY 1

```

```

RESULT 1368
US-09-539-382-62
; Sequence 62, Application US/09539382
; Publication No. US2003004417A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Alison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINTL, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CANCERS
; FILE REFERENCE: 18696-169195
; CURRENT APPLICATION NUMBER: US/09/539,382
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURES:
; NAME/KEY: misc feature
; LOCATION: ( ), T)
; OTHER INFORMATION: primer
US-09-539-382-62

```

Query Match	0.2%	Score 15.6;	DB 1;	Length 24;
Best Local Similarity	40.9%;	Pred. No. 1.3e+03;		
Matches	9;	Conservative	12;	Mismatches 1;
				Indels 0;
				Gaps 0;

```

Qy      7410 CATCAGCAGCAGCAGCAGCAGC 7431
          |||:::|:::|:::|:::|:::
Db      3   CATGASYASYASYASYASYASY 24

```

## RESULT 1369

US-09-946-374-379  
; Sequence 379, Application US/09946374  
; Publication No. US20030073129A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C1  
; CURRENT APPLICATION NUMBER: US/09/946,374  
; PRIOR FILING DATE: 2001-09-04  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/099536  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099602  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099642  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099741  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099754  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099763  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099792  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099808  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099815  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100388

; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100584  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100661  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100662  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100664  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100683  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100684  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100710  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100711  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100849  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100930  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101014  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101068  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101071  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/101279  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: 60/101471  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101472  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101474  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101475  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101476  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101479  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101743  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101915  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/102207  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102240  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102307  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102330  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102331  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102484  
; PRIOR FILING DATE: 1998-09-30

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; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 4259 CTCCTCTCTGCACTGTCTG 4280  
DB 1 CTGCTCCTCAGCTCTGTGCTG 22

RESULT 1370  
US-09-940-185-1132/c  
; Sequence 1132, Application US/09940185  
; Publication No. US20030096239A1  
; GENERAL INFORMATION:  
; APPLICANT: Gunderson, Kevin  
; APPLICANT: Chee, Mark  
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides

```
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1132
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-1132

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 1439 GAGTGCTGCGCGGCCCATCTT 1460  
DB 24 GAGTGCTGCTGCTGCCCATATT 3

RESULT 1371  
US-09-940-185-3469/c  
; Sequence 3469, Application US/09940185  
; Publication No. US20030096239A1  
; GENERAL INFORMATION:  
; APPLICANT: Gunderson, Kevin  
; APPLICANT: Chee, Mark  
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides  
; FILE REFERENCE: A-69605-1  
; CURRENT APPLICATION NUMBER: US/09/940,185  
; CURRENT FILING DATE: 2001-08-27  
; PRIOR APPLICATION NUMBER: US 60/227,948  
; PRIOR FILING DATE: 2000-08-25  
; PRIOR APPLICATION NUMBER: US 60/228,854  
; PRIOR FILING DATE: 2000-08-29  
; NUMBER OF SEQ ID NOS: 4768  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 3469  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-3469

Query Match 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1645 GATCGCGGATGCTTATCCAG 1666  
DB 23 GATTCGGGATACCAACACAG 2

RESULT 1372  
US-09-792-818-2216/c  
; Sequence 2216, Application US/09792818  
; Publication No. US20030134806A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: Von Carlowitz, Ira  
; APPLICANT: McSwigen, Jim  
; APPLICANT: Hamblin, Paul  
; APPLICANT: Ellis, Jonathan  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grp-2-related with Insert

FILE REFERENCE: MBHB00-901-A (400/013)  
CURRENT APPLICATION NUMBER: US/09/792,818  
CURRENT FILING DATE: 2001-02-23  
NUMBER OF SEQ ID NOS: 2304  
SOFTWARE: Patent version 3.0  
SEQ ID NO 2216  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid  
NAME/KEY: misc\_feature  
LOCATION: (1)..(3)  
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage  
NAME/KEY: misc\_feature  
LOCATION: (8)..(16)  
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage  
NAME/KEY: misc\_feature  
LOCATION: (20)..(22)  
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage  
NAME/KEY: misc\_feature  
LOCATION: (1)..(7)  
OTHER INFORMATION: 2'-O-Methyl  
NAME/KEY: misc\_feature  
LOCATION: (17)..(23)  
OTHER INFORMATION: 2'-O-Methyl  
NAME/KEY: misc\_feature  
LOCATION: (24)..(24)  
OTHER INFORMATION: n stands for inverted deoxybasic derivative  
US-09-792-818-2216

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAGC 7434  
DB 23 CAGCAGCAGCAGCAGCAGC 2

RESULT 1373  
US-10-015-395A-379  
Sequence 379, Application US/10015395A  
Publication No. US20040073015A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C57  
CURRENT APPLICATION NUMBER: US/10/015,395A  
CURRENT FILING DATE: 2001-12-12  
Prior application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-395A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCTG 4280  
DB 1 CTCCTCTCACTGTCTGTCTG 22

RESULT 1374  
US-10-433-561-37/c  
Sequence 37, Application US/10433561  
Publication No. US20040029178A1  
GENERAL INFORMATION:  
APPLICANT: Takeda Chemical Industries, Ltd.  
TITLE OF INVENTION: NO. US20040029178A1e1 G Protein-Coupled Receptor Proteins and DNA  
FILE REFERENCE: P01-0255PCT  
CURRENT APPLICATION NUMBER: US/10/433,561  
CURRENT FILING DATE: 2003-05-30  
PRIOR APPLICATION NUMBER: JP 2000-364801  
PRIOR FILING DATE: 2000-11-30  
PRIOR APPLICATION NUMBER: JP 2001-087482  
PRIOR FILING DATE: 2001-03-26  
PRIOR APPLICATION NUMBER: JP 2001-145434  
PRIOR FILING DATE: 2001-05-15  
PRIOR APPLICATION NUMBER: JP 2001-270838  
PRIOR FILING DATE: 2001-09-06  
NUMBER OF SEQ ID NOS: 191  
SEQ ID NO 37  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-433-561-37

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7414 AGCAGCAGCAGCAGCAGCA 7435  
DB 23 AGCAGCAGCAGCAGCAGCA 2

RESULT 1375  
US-10-257-332B-9/c  
Sequence 9, Application US/10257332B  
Publication No. US20040058418A1  
GENERAL INFORMATION:  
APPLICANT: KYOWA HAKKO KOGYO CO., LTD.  
TITLE OF INVENTION: Production of alpha 1,2-fucosyltransferase and complex carbohydra  
TITLE OF INVENTION: containing  
FILE REFERENCE: 766.62  
CURRENT APPLICATION NUMBER: US/10/257,332B  
CURRENT FILING DATE: 2003-03-06  
PRIOR APPLICATION NUMBER: JP 00/109148  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 9  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-10-257-332B-9

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      3788 CTTTCAACATGACAGCTCG 3809
Db      22 CTTTCAACATGACAGATTCTTG 1

RESULT 1376
US-09-764-359-9/c
; Sequence 9, Application US/09764359
; Publication No. US20020039786A1
; GENERAL INFORMATION:
; APPLICANT: Reid, Lola M.
; APPLICANT: Lecluyse, Edward L.
; TITLE OF INVENTION: LIVER TISSUE SOURCE
; FILE REFERENCE: 215075.00601
; CURRENT APPLICATION NUMBER: US/09/764,359
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/176,798
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-359-9

Query Match      0.24; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6044 AGCTGTTTCTCATGCTT 6065
Db      22 AGCTGTTTCTCATGCTT 1

RESULT 1377
US-10-006-485A-379
; Sequence 379, Application US/10006485A
; Publication No. US20030064062A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC9
; CURRENT APPLICATION NUMBER: US/10/006,485A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843

; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100651
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100711
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100849
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100930
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101014
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101068
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
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PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101476  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101477  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101479  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101743  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101915  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102307  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102571  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103315  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103328  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103395  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103396  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103401  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103633  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103711  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002

PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTG 4280  
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1378  
US-10-013-907A-379  
Sequence 379, Application US/10013907A  
Publication No. US20030064925A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gutney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C34  
CURRENT APPLICATION NUMBER: US/10/013.907A  
PRIOR FILING DATE: 2001-12-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-907A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTG 4280  
DB 1 CTGCTCCACTGCTGTGCTG 22

RESULT 1379

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US-10-015-499A-379
; Sequence 379, Application US/10015499A
; Publication No. US20030065142A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C42
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-499A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGCTCTG 4280
Db      1 CTGCTCTCACTGCTCTGCTG 22

RESULT 1380
US-10-226-254A-379
; Sequence 379, Application US/10226254A
; Publication No. US20030224478A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C68
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
```

```
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGCTCTG 4280
Db      1 CTGCTCTCACTGCTCTGCTG 22
```

```
RESULT 1381
US-10-352-554-156/C
; Sequence 156, Application US/10352554
; Publication No. US20030224487A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Kuiper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Hammond, Angela K.
; APPLICANT: Novak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
; FILE REFERENCE: 02-01
; CURRENT FILING DATE: 2003-01-21
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/375,323
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 60/435,315
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 156
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer ZC41500
US-10-352-554-156
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4465 TTTTCTTTTCTTTTCTTCTC 4486
Db      23 TTATTATGTTTATTATTGTC 2
```

```

RESULT 1382
US-10-067-790-61/c
; Sequence 61, Application US/10067790
; Publication No. US20030035807A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINH, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-790-61

```

```

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 40.9%; Pred. No. 1.3e+03;
Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      7410 CATCAGCAGCAGCAGCAGC 7431
Db      22 CATGASVASYASVASYASY 1

```

```

RESULT 1383
US-10-067-790-62
; Sequence 62, Application US/10067790
; Publication No. US20030035807A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINH, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS AND OTHER CAN
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,790
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 60/155,579
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-790-62

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Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 40.9%; Pred. No. 1.3e+03;
Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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Qy      7410 CATCAGCAGCAGCAGCAGC 7431
Db      3 CATGASVASYASVASYASY 24

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RESULT 1384
US-10-067-892-61/c
; Sequence 61, Application US/10067892
; Publication No. US20030039659A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINH, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,892
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-892-61

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Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 40.9%; Pred. No. 1.3e+03;
Matches 9; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

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Qy      7410 CATCAGCAGCAGCAGCAGC 7431
Db      22 CATGASVASYASVASYASY 1

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RESULT 1385
US-10-067-892-62
; Sequence 62, Application US/10067892
; Publication No. US20030039659A1
; GENERAL INFORMATION:
; APPLICANT: MCCORMICK, Allison
; APPLICANT: TUSE, Daniel
; APPLICANT: REINH, Stephen
; APPLICANT: LINDBO, John
; APPLICANT: TURPEN, Thomas
; TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
; FILE REFERENCE: 18696-169194
; CURRENT APPLICATION NUMBER: US/10/067,892
; CURRENT FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/522,900
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1..7)
; OTHER INFORMATION: primer
US-10-067-892-62

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; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 207
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-207

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGTGCTGACTGCTC 5348
DB 1 TCTCTCTTGTGCTGACTGCTC 22

RESULT 1390
US-10-006-818A-379
; Sequence 379, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGACTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTG 22

RESULT 1391
US-10-015-393A-379
; Sequence 379, Application US/10015393A
; Publication No. US20030069179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
```

```
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC46
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-393A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGACTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTG 22

RESULT 1392
US-10-015-869A-379
; Sequence 379, Application US/10015869A
; Publication No. US20030073130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC45
; CURRENT APPLICATION NUMBER: US/10/015,869A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-869A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGACTGCTG 4280
DB 1 CTGCTCCACTGCTGCTGCTG 22
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Db 1 CTGCCTCCACTGCTGTGCTG 22

RESULT 1393

US-10-012-121A-379

Sequence 379, Application US/10012121A

Publication No. US20030073810A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Paoni, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830P1C20

CURRENT APPLICATION NUMBER: US/10/012.121A

CURRENT FILING DATE: 2001-12-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 379

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-012-121A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGCTG 4280

Db 1 CTGCCTCCACTGCTGTGCTG 22

RESULT 1394

US-10-006-116A-379

Sequence 379, Application US/10006116A

Publication No. US20030082626A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Paoni, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830P1C15

CURRENT APPLICATION NUMBER: US/10/006.116A

CURRENT FILING DATE: 2001-12-16

Prior Application Number: 60/098716

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098723

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098749

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098750

Prior Filing Date: 1998-09-01

Prior Application Number: 60/098803

Prior Filing Date: 1998-09-02

Prior Application Number: 60/098821

Prior Filing Date: 1998-09-02

Prior Application Number: 60/098843

Prior Filing Date: 1998-09-02

Prior Application Number: 60/099536

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099536

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099596

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099598

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099602

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099642

Prior Filing Date: 1998-09-09

Prior Application Number: 60/099741

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099754

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099763

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099792

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099808

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099812

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099815

Prior Filing Date: 1998-09-10

Prior Application Number: 60/099816

Prior Filing Date: 1998-09-10

Prior Application Number: 60/100385

Prior Filing Date: 1998-09-15

Prior Application Number: 60/100388

Prior Filing Date: 1998-09-15

Prior Application Number: 60/100390

Prior Filing Date: 1998-09-15

Prior Application Number: 60/100584

Prior Filing Date: 1998-09-16

Prior Application Number: 60/100627

Prior Filing Date: 1998-09-16

Prior Application Number: 60/100661

Prior Filing Date: 1998-09-16

Prior Application Number: 60/100662

Prior Filing Date: 1998-09-16

Prior Application Number: 60/100664

Prior Filing Date: 1998-09-16

Prior Application Number: 60/100683

Prior Filing Date: 1998-09-17

Prior Application Number: 60/100684

Prior Filing Date: 1998-09-17

Prior Application Number: 60/100710

Prior Filing Date: 1998-09-17

Prior Application Number: 60/100711

Prior Filing Date: 1998-09-17

Prior Application Number: 60/100848

Prior Filing Date: 1998-09-18

Prior Application Number: 60/100849

Prior Filing Date: 1998-09-18

Prior Application Number: 60/100919

Prior Filing Date: 1998-09-17

Prior Application Number: 60/100930

Prior Filing Date: 1998-09-17

Prior Application Number: 60/101014

Prior Filing Date: 1998-09-18

Prior Application Number: 60/101068

Prior Filing Date: 1998-09-18

PRIOR APPLICATION NUMBER: 60/101071  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101279  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: 60/101471  
PRIOR FILING DATE: 1998-09-23  
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PRIOR FILING DATE: 1998-09-30  
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PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
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PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103633  
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PRIOR APPLICATION NUMBER: 60/103679

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PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.24; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGTCACGTCTG 4280  
Db 1 CTCCTCTCTGTCACGTCTG 22

RESULT 1395  
US-10-006-117A-379  
Sequence 379, Application US/10006117A  
Publication No. US20030082627A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Boctstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan J.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C13  
CURRENT APPLICATION NUMBER: US/10/006.117A  
CURRENT FILING DATE: 2002-03-19  
Prior Application removed - See File Wrapper or Palm  
Prior Filing Date: 2001-07-09  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-006-117A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4259 CTCCTCCTCTGCACTGTCCTG 4280  
Db 1 CTCGCTCCACTGCTCTGTGCTG 22  
RESULT 1396  
US-10-017-527A-379  
; Sequence 379, Application US/10017527A  
; Publication No. US20030082628A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C63  
; CURRENT APPLICATION NUMBER: US/10/017,527A  
; PRIOR FILING DATE: 2001-12-13  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
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; PRIOR FILING DATE: 1998-09-01  
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; PRIOR FILING DATE: 1998-09-02  
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; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099815  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099816

; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100388  
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; PRIOR APPLICATION NUMBER: 60/100627  
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; PRIOR APPLICATION NUMBER: 60/100661  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100662  
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; PRIOR APPLICATION NUMBER: 60/101475  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101476  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101479  
; PRIOR FILING DATE: 1998-09-23  
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; PRIOR APPLICATION NUMBER: 60/101741  
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; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
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; PRIOR APPLICATION NUMBER: 60/102240  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102307  
; PRIOR FILING DATE: 1998-09-29  
; PRIOR APPLICATION NUMBER: 60/102330  
; PRIOR FILING DATE: 1998-09-29

PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102571  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
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PRIOR APPLICATION NUMBER: 60/102687  
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PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103315  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103328  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103395  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103396  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103401  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103633  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
PRIOR FILING DATE: 1998-10-08  
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PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
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PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCCTGCACTGCTGCTG 4280

||||| ||||| ||||| |||||

Db 1 CTCCTCCTGCACTGCTGCTG 22

RESULT 1397

US-10-013-913A-379

Sequence 379, Application US/10013913A

Publication No. US20030083462A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830PIC40

CURRENT APPLICATION NUMBER: US/10/013,913A

CURRENT FILING DATE: 2002-07-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 379

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-913A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCCTGCACTGCTGCTG 4280

Db 1 CTCCTCCTGCACTGCTGCTG 22

||||| ||||| ||||| |||||

RESULT 1398

US-10-007-194A-379

Sequence 379, Application US/10007194A

Publication No. US20030092061A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan I.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830PIC6

CURRENT APPLICATION NUMBER: US/10/007,194A

CURRENT FILING DATE: 2002-06-25

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 379

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-013-913A-379



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; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

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Qy 4259 CTCCTCTCTGCACTGTCCTG 4280
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Db 1 CTGCTCCACTGCTGTCGTCG 22

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RESULT 1399
US-10-013-430A-379
; Sequence 379, Application US/10013430A
; Publication No. US20030092883A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C31
CURRENT APPLICATION NUMBER: US/10/013,430A
PRIOR FILING DATE: 2002-06-25
PRIOR APPLICATION removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-379

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Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Qy 4259 CTCCTCTCTGCACTGTCCTG 4280
      ||||| ||||| |||||
Db 1 CTGCTCCACTGCTGTCGTCG 22

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RESULT 1400
US-10-011-671A-379
; Sequence 379, Application US/10011671A
; Publication No. US20030096954A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C27
CURRENT APPLICATION NUMBER: US/10/011,671A
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
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PRIOR FILING DATE: 1998-09-09
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10

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PRIOR APPLICATION NUMBER: 60/100385	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627	PRIOR FILING DATE: 1998-09-16
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PRIOR APPLICATION NUMBER: 60/100662	PRIOR FILING DATE: 1998-09-16
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PRIOR APPLICATION NUMBER: 60/100683	PRIOR FILING DATE: 1998-09-17
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PRIOR APPLICATION NUMBER: 60/100710	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071	PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279	PRIOR FILING DATE: 1998-09-22
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PRIOR APPLICATION NUMBER: 60/101472	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101477	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101479	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102330	PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331	PRIOR FILING DATE: 1998-09-29

1	PRIOR FILING DATE: 1998-09-29
2	PRIOR APPLICATION NUMBER: 60/102484
3	PRIOR FILING DATE: 1998-09-30
4	PRIOR APPLICATION NUMBER: 60/102487
5	PRIOR FILING DATE: 1998-09-30
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7	PRIOR FILING DATE: 1998-09-30
8	PRIOR APPLICATION NUMBER: 60/102571
9	PRIOR FILING DATE: 1998-09-30
10	PRIOR APPLICATION NUMBER: 60/102684
11	PRIOR FILING DATE: 1998-10-01
12	PRIOR APPLICATION NUMBER: 60/102687
13	PRIOR FILING DATE: 1998-10-01
14	PRIOR APPLICATION NUMBER: 60/102966
15	PRIOR FILING DATE: 1998-10-02
16	PRIOR APPLICATION NUMBER: 60/103258
17	PRIOR FILING DATE: 1998-10-06
18	PRIOR APPLICATION NUMBER: 60/103314
19	PRIOR FILING DATE: 1998-10-07
20	PRIOR APPLICATION NUMBER: 60/103315
21	PRIOR FILING DATE: 1998-10-07
22	PRIOR APPLICATION NUMBER: 60/103328
23	PRIOR FILING DATE: 1998-10-07
24	PRIOR APPLICATION NUMBER: 60/103395
25	PRIOR FILING DATE: 1998-10-07
26	PRIOR APPLICATION NUMBER: 60/103396
27	PRIOR FILING DATE: 1998-10-07
28	PRIOR APPLICATION NUMBER: 60/103401
29	PRIOR FILING DATE: 1998-10-07
30	PRIOR APPLICATION NUMBER: 60/103446
31	PRIOR FILING DATE: 1998-10-06
32	PRIOR APPLICATION NUMBER: 60/103633
33	PRIOR FILING DATE: 1998-10-08
34	PRIOR APPLICATION NUMBER: 60/103678
35	PRIOR FILING DATE: 1998-10-08
36	PRIOR APPLICATION NUMBER: 60/103679
37	PRIOR FILING DATE: 1998-10-20
38	PRIOR APPLICATION NUMBER: 60/103711
39	PRIOR FILING DATE: 1998-10-08
40	PRIOR APPLICATION NUMBER: 60/104257
41	PRIOR FILING DATE: 1998-10-08
42	PRIOR APPLICATION NUMBER: 60/104987
43	PRIOR FILING DATE: 1998-10-20
44	PRIOR APPLICATION NUMBER: 60/105000
45	PRIOR FILING DATE: 1998-10-20
46	PRIOR APPLICATION NUMBER: 60/105002
47	PRIOR FILING DATE: 1998-10-20
48	PRIOR APPLICATION NUMBER: 60/105104
49	PRIOR FILING DATE: 1998-10-21
50	PRIOR APPLICATION NUMBER: 60/105165
51	PRIOR FILING DATE: 1998-10-22
52	PRIOR APPLICATION NUMBER: 60/105266
53	PRIOR FILING DATE: 1998-10-22
54	PRIOR APPLICATION NUMBER: 60/105693
55	PRIOR FILING DATE: 1998-10-26
56	PRIOR APPLICATION NUMBER: 60/105696
57	PRIOR FILING DATE: 1998-10-26
58	PRIOR APPLICATION NUMBER: 60/105807
59	PRIOR FILING DATE: 1998-10-27
60	PRIOR APPLICATION NUMBER: 60/105881
61	PRIOR FILING DATE: 1998-10-27
62	PRIOR APPLICATION NUMBER: 60/105882
63	PRIOR FILING DATE: 1998-10-28
64	PRIOR APPLICATION NUMBER: 60/106023
65	PRIOR FILING DATE: 1998-10-28

Query Match	0.2%	Score 15.6;	DB 1;	Length 24;
Best Local Similarity	81.8%;	Pred. No. 1.3e+03;		
Matches 18; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

**Dy**            4259 CTCCCTCCTGCACTGTCTG 4280  
               ||||| ||||| |||||  
**Db**            1 CTGCCTCCACTGTCTGTGCTG 22

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RESULT 1401
US-10-012-755A-379
; Sequence 379, Application US/10012755A
; Publication No. US20030096955A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/012,755A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-755A-379

Query Match      0.2% Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCTCTCTGCGACTGTCCTG 4280
Db      1 CTCCTCCACTGCTGTCGCTG 22

RESULT 1402
US-10-015-386A-379
; Sequence 379, Application US/10015386A
; Publication No. US2003009625A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C28
; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-386A-379

Query Match      0.2% Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCTCTCTGCGACTGTCCTG 4280
Db      1 CTCCTCCACTGCTGTCGCTG 22

RESULT 1403
US-10-128-449A-24
; Sequence 24, Application US/10128449A
; Publication No. US20030108538A1
; GENERAL INFORMATION:
; APPLICANT: Jaye, Michael C.
; APPLICANT: Doan, Kim-Anh T.
; APPLICANT: Krawiec, John A.
; APPLICANT: Lynch, Kevin J.
; APPLICANT: Amin, Dilip V.
; APPLICANT: South, Victoria J.
; TITLE OF INVENTION: LIG POLYPEPTIDES OF THE TRIACYLGLYCEROL
; LIPASE FAMILY, AND COMPOSITIONS AND METHODS FOR THEIR USE
; IN ENZYMATIC HYDROLYSIS, AND PROTEIN AND GENE THERAPIES
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESS: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/128,449A
; FILING DATE: 23-Apr-2002
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Fehner Ph.D., Paul F.
; REGISTRATION NUMBER: 35,135
; REFERENCE/DOCKET NUMBER: A2582-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-128-449A-24

Query Match      0.2% Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      981 CACCAAGAGATCAAGGACCTG 1002
Db      3 CACCATGAGAGACCAAGCCCTG 24
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RESULT 1404
US-10-168-836-4
; Sequence 4, Application US/10168836
; Publication No. US20030108894A1
; GENERAL INFORMATION:
; APPLICANT: Shanghai Bio Door Gene Technology Ltd.
; APPLICANT: Fudan University
; TITLE OF INVENTION: A NEW POLYPEPTIDE-ATP DEPENDENT HELICASE PROTEIN 68 AND A POLYNUC
; FILE REFERENCE: 57288-10
; CURRENT APPLICATION NUMBER: US/10/168,836
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: PCT/CN00/00581
; PRIOR FILING DATE: 2000-12-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: ATP dependent helicase protein 68
US-10-168-836-4
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Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
OY      7452 AAAGACAAGTGGCTTCTATT 7473
DB      3 AAAGAAAACACTGCTTTTATT 24
```

```
RESULT 1405
US-10-011-692A-379
; Sequence 379, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-692A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4259 CTCCTCTCTGCACTGCTCTG 4280
DB      1 CTGCTCCACGCTCTGCTGCTG 22
```

```
RESULT 1406
US-10-006-768A-379
; Sequence 379, Application US/10006768A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; CURRENT FILING DATE: 2002-03-05
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See file wrapper or Palm
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4259 CTCCTCTCTGCACTGCTCTG 4280
DB      1 CTGCTCCACGCTCTGCTGCTG 22
```

```
RESULT 1407
US-10-017-610A-379
; Sequence 379, Application US/10017610A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC64
; CURRENT APPLICATION NUMBER: US/10/017,610A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
```

[illegible]

```
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGCACTGCTCTG 4280
Db      1 CTCCTCACTGCTCTGTGCTG 22
```

```
RESULT 1408
US-10-006-063A-379
; Sequence 379, Application US/10006063A
; Publication No. US20030114652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C3
; CURRENT APPLICATION NUMBER: US/10/006,063A
; PRIOR FILING DATE: 2002-03-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
```

```
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy      4259 CTCCTCTCTGCACTGCTCTG 4280
Db      1 CTCCTCACTGCTCTGTGCTG 22
```

```
RESULT 1409
US-10-020-063A-379
; Sequence 379, Application US/10020063A
; Publication No. US20030119097A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; PRIOR FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4259 CTCCTCTCTGCACTGCTCTG 4280
Db      1 CTCCTCACTGCTCTGTGCTG 22
```

```
RESULT 1410
US-10-015-391A-379
; Sequence 379, Application US/10015391A
```

```
Publication No. US20030120053A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC59
CURRENT APPLICATION NUMBER: US/10/015,391A
CURRENT FILING DATE: 2001-12-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCCTCGCACTGTCCTG 4280
Db      1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1411
US-10-017-407A-379
Publication No. US20030125535A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC61
CURRENT APPLICATION NUMBER: US/10/017,407A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-379
```

```
Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCCTCGCACTGTCCTG 4280
Db      1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1412
US-10-011-833A-379
Publication No. US20030129650A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC22
CURRENT APPLICATION NUMBER: US/10/011,833A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4259 CTCCCTCCTCGCACTGTCCTG 4280
Db      1 CTGCTCCACCTGCTCTGTGCTG 22

RESULT 1413
US-10-006-061A-379
Publication No. US20030130490A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

```

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGTCTCTG 4280
Db      1 CTGCTCCACACTGCTGTGTCTG 22

RESULT 1414
US-10-015-822A-379
; Sequence 379, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGTCTCTG 4280
Db      1 CTGCTCCACACTGCTGTGTCTG 22

RESULT 1415
US-10-015-387A-379
; Sequence 379, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
```

```

; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGTCTCTG 4280
Db      1 CTGCTCCACACTGCTGTGTCTG 22

RESULT 1416
US-10-254-676-6/c
; Sequence 6, Application US/10254676
; Publication No. US20030148329A1
; GENERAL INFORMATION:
; APPLICANT: KUBOTA, Hiroshi et al
; APPLICANT: STORMS, Robert W.
; APPLICANT: REID, Lola M.
; TITLE OF INVENTION: VARIANTS OF ALPHA-PETROPROTEIN CODING AND
; FILE REFERENCE: 320727-50801
; CURRENT APPLICATION NUMBER: US/10/254,676
; CURRENT FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: 60/324,540
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Sequence
US-10-254-676-6

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6044 AGCTGGTTTCTCTCATGTCTTT 6065
Db      22 AGCTGCTTCTCTTAATTCCTT 1

RESULT 1417
US-10-006-130A-379
; Sequence 379, Application US/10006130A
```

```
Publication No. US20030148375A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C7
CURRENT APPLICATION NUMBER: US/10/006,130A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-379

Query Match      0.2% Score 15.6; DB 1; Length 24;
Beer Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACTGCTCTG 4280
DB      1 CTGCTCCACCTGCTCTGCTG 22

RESULT 1418
US-10-006-172A-379
Sequence 379, Application US/10006172A
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C11
CURRENT APPLICATION NUMBER: US/10/006,172A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
```

```
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099815
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
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PRIOR APPLICATION NUMBER: 60/101472  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101474  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101476  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101477  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101479  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101743  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101915  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102307  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102571  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103315  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103328  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103395  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103396  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103401  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103633  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103711  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987

PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105861  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 4259 CTCCTCTCTGACATCTCTG 4280  
Db 1 CTCCTCTCTGCTCTGCTG 22

RESULT 1419  
US-10-171-319-31/c  
Sequence 31, Application US/10171319  
Publication No. US20030157633A1  
GENERAL INFORMATION:  
APPLICANT: Ardem Patapoutian  
APPLICANT: Andrea Peter  
APPLICANT: Peter McIntyre  
APPLICANT: Stuart Bevan  
APPLICANT: Chuanzheng Song  
APPLICANT: Pamposh Ganju  
TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS  
FILE REFERENCE: 4-32048A  
CURRENT FILING DATE: US/10/171,319  
CURRENT FILING DATE: 2002-10-24  
PRIOR APPLICATION NUMBER: 60/297,835  
PRIOR FILING DATE: 2001-06-13  
PRIOR APPLICATION NUMBER: 60/351,238  
PRIOR FILING DATE: 2002-01-22  
PRIOR APPLICATION NUMBER: 60/352,914  
PRIOR FILING DATE: 2002-01-29  
PRIOR APPLICATION NUMBER: 60/357,161  
PRIOR FILING DATE: 2002-02-12  
PRIOR APPLICATION NUMBER: 60/381,086  
PRIOR FILING DATE: 2002-05-15  
PRIOR APPLICATION NUMBER: 60/381,739  
PRIOR FILING DATE: 2002-05-16  
NUMBER OF SEQ ID NOS: 114  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 31  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer  
US-10-171-319-31

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;

Matches	18	Conservative	0	Mismatches	4	Indels	0	Gaps	0
QY	5904	AGAACTGTTCCTCCCAAGCCCAAG	5925						
Db	23	AGAGCATGTTGCCCAAGCCCAAG	2						

RESULT 1420  
US-10-017-253A-379

Sequence 379, Application US/10017253A  
Publication No. US20030166055A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyer, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2830P1C62  
CURRENT APPLICATION NUMBER: US/10/017,253A

```

CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Remaining Prior Application data removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 379
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
IS-10-017-253A-379

```

Query Match	0.2%	Score 15.6	DB 1	Length 24
Best Local Similarity	81.8%	Pred. No. 1.3e+03		
Matches 18	Conservative	0	Mismatches 4	Indels 0
				Gaps 0

```

Oy      4259 CTCCCTCCTCTGCACCTGTCTCTG 4280
          |||||
Db      1 CTGCCTCCACTGCTCTGTGTGCTG 22

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RESULT 1421  
US-10-015-392A-379  
; Sequence 379, Application US/10015392A

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: Publication No. US20030166901A1
: GENERAL- INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan I.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas P.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2830P1C58
: CURRENT FILING DATE: 2001-12-12
: PRIOR APPLICATION NUMBER: 60/098716
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098723
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098749
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098750
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098803
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/098821
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/098843
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/099536
: PRIOR FILING DATE: 1998-09-09
: PRIOR APPLICATION NUMBER: 60/099596
: PRIOR FILING DATE: 1998-09-09
: PRIOR APPLICATION NUMBER: 60/099598
: PRIOR FILING DATE: 1998-09-09
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 477
: SEQ ID NO 379
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-392A-379
Query March 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0
Oy 4259 CTCCTCCTGCACTGCTGCTG 4280
Db 1 CTGCTCCACTGCTGCTGCTG 22
RESULT 1422
US-10-017-306A-379
: Sequence 379, Application US/10017306A
: Publication No. US20030170718A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan I.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas P.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2830P1C58
: CURRENT FILING DATE: 2001-12-12
: PRIOR APPLICATION NUMBER: 60/098716
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098723
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098749
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098750
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098803
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/098821
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/098843
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/099536
: PRIOR FILING DATE: 1998-09-09
: PRIOR APPLICATION NUMBER: 60/099596
: PRIOR FILING DATE: 1998-09-09
: PRIOR APPLICATION NUMBER: 60/099598
: PRIOR FILING DATE: 1998-09-09
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 477
: SEQ ID NO 379
: LENGTH: 24
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-392A-379
Query March 0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0
Oy 4259 CTCCTCCTGCACTGCTGCTG 4280
Db 1 CTGCTCCACTGCTGCTGCTG 22

```

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC66  
CURRENT FILING DATE: 2002-06-10  
Prior Application removed - See File Wrapper or Palm  
SEQUENCE OF SEQ ID NOS: 477  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-017-306A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1,36+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4259 CTCCTCTCTGCACTGCTGCTG 4280  
Db 1 CTCCTCTCTGCTGCTGCTGCTG 22

RESULT 1423

US-10-017-867A-379

Sequence 379, Application US/10017867A

Publication No. US20030180792A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.

APPLICANT: Ferrara, Napoleone

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2830PIC60

CURRENT FILING DATE: US/10/017,867A

CURRENT FILING DATE: 2001-12-13

Prior Application Number: 60/098716

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Application Number: 60/098723

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Prior Application Number: 60/098723

Prior Application Number: 60/098723

Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099602  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099642  
Prior Filing Date: 1998-09-09  
Prior Application Number: 60/099741  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099754  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099763  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099792  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099808  
Prior Filing Date: 1998-09-10  
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Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099815  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/099816  
Prior Filing Date: 1998-09-10  
Prior Application Number: 60/100385  
Prior Filing Date: 1998-09-15  
Prior Application Number: 60/100388  
Prior Filing Date: 1998-09-15  
Prior Application Number: 60/100390  
Prior Filing Date: 1998-09-15  
Prior Application Number: 60/100584  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100627  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100651  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100662  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100664  
Prior Filing Date: 1998-09-16  
Prior Application Number: 60/100683  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/100684  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/100710  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/100711  
Prior Filing Date: 1998-09-17  
Prior Application Number: 60/100848  
Prior Filing Date: 1998-09-18  
Prior Application Number: 60/100849  
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Prior Application Number: 60/100919  
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Prior Application Number: 60/101014  
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Prior Filing Date: 1998-09-18  
Prior Application Number: 60/101071  
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Prior Application Number: 60/101279  
Prior Filing Date: 1998-09-22  
Prior Application Number: 60/101471  
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Prior Application Number: 60/101472  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101474  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101475  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101476  
Prior Filing Date: 1998-09-23  
Prior Application Number: 60/101477  
Prior Filing Date: 1998-09-23

PRIOR APPLICATION NUMBER: 60/101479  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101743  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101915  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
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PRIOR APPLICATION NUMBER: 60/102307  
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PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
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PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
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PRIOR APPLICATION NUMBER: 60/102687  
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PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
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PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103315  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103328  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103395  
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PRIOR APPLICATION NUMBER: 60/103396  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103401  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
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PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
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PRIOR APPLICATION NUMBER: 60/103711  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266

PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTG 4280  
DB 1 CTCCTCTCTGCTGCTGCTG 22

RESULT 1424  
US-10-012-064A-379  
Sequence 379, Application US/10012064A  
Publication No. US20030180836A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PLC19  
CURRENT FILING DATE: 2002-07-15  
PRIOR APPLICATION NUMBER: US/10/012,064A  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098716  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTCG 4280
Db 1 CTGCTTCACACTGCTGTGCTG 22

RESULT 1425
US-10-013-909A-379
; Sequence 379, Application US/10013909A
; Publication No. US20030186318A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C5
; CURRENT APPLICATION NUMBER: US/10/013,909A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-909A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTCG 4280
Db 1 CTGCTTCACACTGCTGTGCTG 22

RESULT 1426
US-10-015-671A-379
; Sequence 379, Application US/10015671A
; Publication No. US20030186319A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C47
; CURRENT APPLICATION NUMBER: US/10/015,671A
; CURRENT FILING DATE: 2001-12-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-671A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTCG 4280
Db 1 CTGCTTCACACTGCTGTGCTG 22

RESULT 1427
US-10-015-610A-379
; Sequence 379, Application US/10015610A
; Publication No. US20030186361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C52
; CURRENT APPLICATION NUMBER: US/10/015,610A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
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; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-379

Query Match
Best Local Similarity 81.8%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCCTCCACCTGCTCTGTGCTG 22

RESULT 1428
US-10-012-137A-379
; Sequence 379, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC29
; CURRENT APPLICATION NUMBER: US/10/012,137A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-379

Query Match
Best Local Similarity 81.8%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCCTCCACCTGCTCTGTGCTG 22

RESULT 1429
US-10-012-752A-379
; Sequence 379, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.

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; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC24
; CURRENT APPLICATION NUMBER: US/10/012,752A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-379

Query Match
Best Local Similarity 81.8%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCCTCCACCTGCTCTGTGCTG 22

RESULT 1430
US-10-012-754A-379
; Sequence 379, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830PIC18
; CURRENT APPLICATION NUMBER: US/10/012,754A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-379

Query Match
Best Local Similarity 81.8%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGTCCTG 4280
Db 1 CTGCCTCCACCTGCTCTGTGCTG 22

RESULT 1431

```

```

US-10-013-910A-379
? Sequence 379, Application US/10013910A
? Publication No. US20030187192A1
? GENERAL INFORMATION:
? APPLICANT: Baker, Kevin P.
? APPLICANT: Botstein, David
? APPLICANT: Desnoyers, Luc
? APPLICANT: Eaton, Dan I.
? APPLICANT: Ferrara, Napoleone
? APPLICANT: Fong, Sherman
? APPLICANT: Gao, Wei-Qiang
? APPLICANT: Goddard, Audrey
? APPLICANT: Godowski, Paul J.
? APPLICANT: Grimaldi, Christopher J.
? APPLICANT: Gurney, Austin L.
? APPLICANT: Hillan, Kenneth J.
? APPLICANT: Pan, James
? APPLICANT: Paoni, Nicholas F.
? TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
? TITLE OF INVENTION: Acids Encoding the Same
? FILE REFERENCE: P2830P1C33
? CURRENT APPLICATION NUMBER: US/10/013.910A
? CURRENT FILING DATE: 2002-06-25
? Prior Application removed - See File Wrapper or Palm
? NUMBER OF SEQ ID NOS: 477
? SEQ ID NO 379
? LENGTH: 24
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-379

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Query Match	0.2%	Score 15.6	DB 1	Length 24
Best Local Similarity	81.8%	Pred. No. 1.3e+03		
Matches 18	Conservative 0	Mismatches 4	Indels 0	Gaps 0

**OY**            4259 CTCCCTCCTGCACTGTCTTG 4280  
             |||||  
**Db**            1 CTGCCTCCACTGCTCTGTGCTG 22

RESULT 1432  
 US-10-013-911A-379  
 Sequence 379, Application US/10013911A  
 Publication No. US20030187193A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Deenoyere, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Grimaldi, Christopher J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Hillan, Kenneth J.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2830P1C39  
 CURRENT APPLICATION NUMBER: US/10/013,911A  
 CURRENT FILING DATE: 2001-12-10  
 PRIOR APPLICATION NUMBER: 60/098716  
 PRIOR FILING DATE: 1998-09-01  
 PRIOR APPLICATION NUMBER: 60/098723  
 PRIOR FILING DATE: 1998-09-01  
 PRIOR APPLICATION NUMBER: 60/098749  
 PRIOR FILING DATE: 1998-09-01  
 PRIOR APPLICATION NUMBER: 60/098750

1	PRIOR FILING DATE: 1998-09-01
2	PRIOR APPLICATION NUMBER: 60/0398003
3	PRIOR FILING DATE: 1998-09-02
4	PRIOR APPLICATION NUMBER: 60/0398821
5	PRIOR FILING DATE: 1998-09-02
6	PRIOR APPLICATION NUMBER: 60/0398843
7	PRIOR FILING DATE: 1998-09-02
8	PRIOR APPLICATION NUMBER: 60/0399536
9	PRIOR FILING DATE: 1998-09-09
10	PRIOR APPLICATION NUMBER: 60/0399566
11	PRIOR FILING DATE: 1998-09-09
12	PRIOR APPLICATION NUMBER: 60/0399642
13	PRIOR FILING DATE: 1998-09-09
14	PRIOR APPLICATION NUMBER: 60/0399741
15	PRIOR FILING DATE: 1998-09-10
16	PRIOR APPLICATION NUMBER: 60/0399754
17	PRIOR FILING DATE: 1998-09-10
18	PRIOR APPLICATION NUMBER: 60/0399808
19	PRIOR FILING DATE: 1998-09-10
20	PRIOR APPLICATION NUMBER: 60/0399812
21	PRIOR FILING DATE: 1998-09-10
22	PRIOR APPLICATION NUMBER: 60/0399815
23	PRIOR FILING DATE: 1998-09-10
24	PRIOR APPLICATION NUMBER: 60/0399816
25	PRIOR FILING DATE: 1998-09-10
26	PRIOR APPLICATION NUMBER: 60/1003855
27	PRIOR FILING DATE: 1998-09-15
28	PRIOR APPLICATION NUMBER: 60/1003868
29	PRIOR FILING DATE: 1998-09-15
30	PRIOR APPLICATION NUMBER: 60/1003900
31	PRIOR FILING DATE: 1998-09-15
32	PRIOR APPLICATION NUMBER: 60/1005844
33	PRIOR FILING DATE: 1998-09-16
34	PRIOR APPLICATION NUMBER: 60/1006277
35	PRIOR FILING DATE: 1998-09-16
36	PRIOR APPLICATION NUMBER: 60/1006641
37	PRIOR FILING DATE: 1998-09-16
38	PRIOR APPLICATION NUMBER: 60/1006652
39	PRIOR FILING DATE: 1998-09-16
40	PRIOR APPLICATION NUMBER: 60/1006654
41	PRIOR FILING DATE: 1998-09-16
42	PRIOR APPLICATION NUMBER: 60/1006710
43	PRIOR FILING DATE: 1998-09-17
44	PRIOR APPLICATION NUMBER: 60/1007111
45	PRIOR FILING DATE: 1998-09-17
46	PRIOR APPLICATION NUMBER: 60/1008484
47	PRIOR FILING DATE: 1998-09-18
48	PRIOR APPLICATION NUMBER: 60/1008489
49	PRIOR FILING DATE: 1998-09-18
50	PRIOR APPLICATION NUMBER: 60/1009499
51	PRIOR FILING DATE: 1998-09-18
52	PRIOR APPLICATION NUMBER: 60/1009499
53	PRIOR FILING DATE: 1998-09-17
54	PRIOR APPLICATION NUMBER: 60/1009300
55	PRIOR FILING DATE: 1998-09-17
56	PRIOR APPLICATION NUMBER: 60/1010144
57	PRIOR FILING DATE: 1998-09-18
58	PRIOR APPLICATION NUMBER: 60/1010686
59	PRIOR FILING DATE: 1998-09-18
60	PRIOR APPLICATION NUMBER: 60/1010711
61	PRIOR FILING DATE: 1998-09-18
62	PRIOR APPLICATION NUMBER: 60/1012797
63	PRIOR FILING DATE: 1998-09-22

;; PRIOR APPLICATION NUMBER: 60/101471  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101472  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101474  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101475  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101476  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101477  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101479  
;; PRIOR FILING DATE: 1998-09-23  
;; PRIOR APPLICATION NUMBER: 60/101738  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101741  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101743  
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;; PRIOR APPLICATION NUMBER: 60/101915  
;; PRIOR FILING DATE: 1998-09-24  
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;; PRIOR APPLICATION NUMBER: 60/102240  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102307  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102330  
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;; PRIOR APPLICATION NUMBER: 60/102331  
;; PRIOR FILING DATE: 1998-09-29  
;; PRIOR APPLICATION NUMBER: 60/102484  
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;; PRIOR APPLICATION NUMBER: 60/102487  
;; PRIOR FILING DATE: 1998-09-30  
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;; PRIOR FILING DATE: 1998-09-30  
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;; PRIOR FILING DATE: 1998-09-30  
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;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102687  
;; PRIOR FILING DATE: 1998-10-01  
;; PRIOR APPLICATION NUMBER: 60/102965  
;; PRIOR FILING DATE: 1998-10-02  
;; PRIOR APPLICATION NUMBER: 60/103258  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103314  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103315  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103328  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103395  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103396  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103401  
;; PRIOR FILING DATE: 1998-10-07  
;; PRIOR APPLICATION NUMBER: 60/103449  
;; PRIOR FILING DATE: 1998-10-06  
;; PRIOR APPLICATION NUMBER: 60/103633  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103678  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103679  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/103711  
;; PRIOR FILING DATE: 1998-10-08  
;; PRIOR APPLICATION NUMBER: 60/104257

;; PRIOR FILING DATE: 1998-10-14  
;; PRIOR APPLICATION NUMBER: 60/104987  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105000  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105002  
;; PRIOR FILING DATE: 1998-10-20  
;; PRIOR APPLICATION NUMBER: 60/105104  
;; PRIOR FILING DATE: 1998-10-21  
;; PRIOR APPLICATION NUMBER: 60/105169  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105266  
;; PRIOR FILING DATE: 1998-10-22  
;; PRIOR APPLICATION NUMBER: 60/105693  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105694  
;; PRIOR FILING DATE: 1998-10-26  
;; PRIOR APPLICATION NUMBER: 60/105807  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105881  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/105882  
;; PRIOR FILING DATE: 1998-10-27  
;; PRIOR APPLICATION NUMBER: 60/106023  
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCCTGCACTGCTG 4280  
DB 1 CTCCTCCTGCTGCTGCTG 22

RESULT 1433  
US-10-013-912A-379  
; Sequence 379, Application US/10013912A  
; Publication No. US20030187194A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Grimaldi, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830P1C32  
; CURRENT APPLICATION NUMBER: US/10/013.912A  
; PRIOR FILING DATE: 2001-12-10  
; PRIOR APPLICATION NUMBER: 60/098716  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098723  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098750  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/098803  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098821  
; PRIOR FILING DATE: 1998-09-02  
; PRIOR APPLICATION NUMBER: 60/098843  
; PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-013-912A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCGCTCTCTGCACGTGCTCG 4280  
DB 1 CTGCTCCACGCTGCTGTGCTG 22

RESULT 1434  
US-10-015-653A-379  
Sequence 379; Application US/10015653A  
Publication No. US20030187195A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnayers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC3  
CURRENT APPLICATION NUMBER: US/10/015,653A  
CURRENT FILING DATE: 2002-06-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-015-653A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCGCTCTCTGCACGTGCTCG 4280  
DB 1 CTGCTCCACGCTGCTGTGCTG 22

RESULT 1435  
US-10-012-101B-379  
Sequence 379; Application US/10012101B  
Publication No. US20030187239A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnayers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830PIC6  
CURRENT APPLICATION NUMBER: US/10/012,101B  
CURRENT FILING DATE: 2001-12-06  
Prior application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 379  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-012-101B-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCGCTCTCTGCACGTGCTCG 4280  
DB 1 CTGCTCCACGCTGCTGTGCTG 22

RESULT 1436  
US-10-084-555-103/C  
Sequence 103; Application US/10084555  
Publication No. US20030190616A1  
GENERAL INFORMATION:  
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE  
APPLICANT: GOGGINS, Michael G.  
APPLICANT: Ueki, Takashi  
TITLE OF INVENTION: DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER  
FILE REFERENCE: JHU1700-1  
CURRENT APPLICATION NUMBER: US/10/084,555  
CURRENT FILING DATE: 2002-02-25  
PRIOR APPLICATION NUMBER: US 60/271,268  
PRIOR FILING DATE: 2001-02-23  
NUMBER OF SEQ ID NOS: 114  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 103  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-10-084-555-103

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4459 TGGACATTTTCTTTTCTTTT 4480  
DB 24 TGGATGTTTGTGTTGTTT 3

RESULT 1437  
US-10-015-480A-379

```
; Sequence 379, Application US/10015480A
; Publication No. US20030190667A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC50
; CURRENT APPLICATION NUMBER: US/10/015,480A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTCTGTGCTG 22

RESULT 1438
US-10-015-715A-379
; Sequence 379, Application US/10015715A
; Publication No. US20030190668A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC56
; CURRENT APPLICATION NUMBER: US/10/015,715A
; PRIOR FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
```

```
US-10-015-715A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTCTGTGCTG 22

RESULT 1439
US-10-012-237A-379
; Sequence 379, Application US/10012237A
; Publication No. US20030191281A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC21
; CURRENT APPLICATION NUMBER: US/10/012,237A
; PRIOR FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-379

Query Match      0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4259 CTCCTCTCTGCACGTGCTG 4280
DB      1 CTGCCTCCACGTCTCTGTGCTG 22

RESULT 1440
US-10-013-906A-379
; Sequence 379, Application US/10013906A
; Publication No. US20030191282A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
```

1	TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
2	FILE REFERENCE: P2830PIC36
3	CURRENT FILING DATE: 2002-06-10
4	PRIOR APPLICATION NUMBER: 60/098716
5	PRIOR FILING DATE: 1998-09-01
6	PRIOR APPLICATION NUMBER: 60/098723
7	PRIOR FILING DATE: 1998-09-01
8	PRIOR APPLICATION NUMBER: 60/098749
9	PRIOR FILING DATE: 1998-09-01
10	PRIOR APPLICATION NUMBER: 60/098750
11	PRIOR FILING DATE: 1998-09-01
12	PRIOR APPLICATION NUMBER: 60/098803
13	PRIOR FILING DATE: 1998-09-02
14	PRIOR APPLICATION NUMBER: 60/098821
15	PRIOR FILING DATE: 1998-09-02
16	PRIOR APPLICATION NUMBER: 60/098843
17	PRIOR FILING DATE: 1998-09-02
18	PRIOR APPLICATION NUMBER: 60/099536
19	PRIOR FILING DATE: 1998-09-09
20	PRIOR APPLICATION NUMBER: 60/099596
21	PRIOR FILING DATE: 1998-09-09
22	PRIOR APPLICATION NUMBER: 60/099598
23	PRIOR FILING DATE: 1998-09-09
24	PRIOR APPLICATION NUMBER: 60/099602
25	PRIOR FILING DATE: 1998-09-09
26	PRIOR APPLICATION NUMBER: 60/099642
27	PRIOR FILING DATE: 1998-09-09
28	PRIOR APPLICATION NUMBER: 60/099741
29	PRIOR FILING DATE: 1998-09-10
30	PRIOR APPLICATION NUMBER: 60/099754
31	PRIOR FILING DATE: 1998-09-10
32	PRIOR APPLICATION NUMBER: 60/099763
33	PRIOR FILING DATE: 1998-09-10
34	PRIOR APPLICATION NUMBER: 60/099792
35	PRIOR FILING DATE: 1998-09-10
36	PRIOR APPLICATION NUMBER: 60/099808
37	PRIOR FILING DATE: 1998-09-10
38	PRIOR APPLICATION NUMBER: 60/099812
39	PRIOR FILING DATE: 1998-09-10
40	PRIOR APPLICATION NUMBER: 60/099815
41	PRIOR FILING DATE: 1998-09-10
42	PRIOR APPLICATION NUMBER: 60/099816
43	PRIOR FILING DATE: 1998-09-10
44	PRIOR APPLICATION NUMBER: 60/100385
45	PRIOR FILING DATE: 1998-09-15
46	PRIOR APPLICATION NUMBER: 60/100388
47	PRIOR FILING DATE: 1998-09-15
48	PRIOR APPLICATION NUMBER: 60/100390
49	PRIOR FILING DATE: 1998-09-15
50	PRIOR APPLICATION NUMBER: 60/100584
51	PRIOR FILING DATE: 1998-09-16
52	PRIOR APPLICATION NUMBER: 60/100627
53	PRIOR FILING DATE: 1998-09-16
54	PRIOR APPLICATION NUMBER: 60/100661
55	PRIOR FILING DATE: 1998-09-16
56	PRIOR APPLICATION NUMBER: 60/100662
57	PRIOR FILING DATE: 1998-09-16
58	PRIOR APPLICATION NUMBER: 60/100664
59	PRIOR FILING DATE: 1998-09-16
60	PRIOR APPLICATION NUMBER: 60/100683
61	PRIOR FILING DATE: 1998-09-17
62	PRIOR APPLICATION NUMBER: 60/100684
63	PRIOR FILING DATE: 1998-09-17
64	PRIOR APPLICATION NUMBER: 60/100710
65	PRIOR FILING DATE: 1998-09-17
66	PRIOR APPLICATION NUMBER: 60/100711
67	PRIOR FILING DATE: 1998-09-17
68	PRIOR APPLICATION NUMBER: 60/100848
69	PRIOR FILING DATE: 1998-09-18
70	PRIOR APPLICATION NUMBER: 60/100849
71	PRIOR FILING DATE: 1998-09-18
72	PRIOR APPLICATION NUMBER: 60/100911
73	PRIOR FILING DATE: 1998-09-17
74	PRIOR APPLICATION NUMBER: 60/100930
75	PRIOR FILING DATE: 1998-09-17
76	PRIOR APPLICATION NUMBER: 60/101014
77	PRIOR FILING DATE: 1998-09-18
78	PRIOR APPLICATION NUMBER: 60/101068
79	PRIOR FILING DATE: 1998-09-18
80	PRIOR APPLICATION NUMBER: 60/101071
81	PRIOR FILING DATE: 1998-09-18
82	PRIOR APPLICATION NUMBER: 60/101071
83	PRIOR FILING DATE: 1998-09-23
84	PRIOR APPLICATION NUMBER: 60/101474
85	PRIOR FILING DATE: 1998-09-23
86	PRIOR APPLICATION NUMBER: 60/101474
87	PRIOR FILING DATE: 1998-09-23
88	PRIOR APPLICATION NUMBER: 60/101475
89	PRIOR FILING DATE: 1998-09-23
90	PRIOR APPLICATION NUMBER: 60/101476
91	PRIOR FILING DATE: 1998-09-23
92	PRIOR APPLICATION NUMBER: 60/101738
93	PRIOR FILING DATE: 1998-09-24
94	PRIOR APPLICATION NUMBER: 60/101741
95	PRIOR FILING DATE: 1998-09-24
96	PRIOR APPLICATION NUMBER: 60/101743
97	PRIOR FILING DATE: 1998-09-24
98	PRIOR APPLICATION NUMBER: 60/101915
99	PRIOR FILING DATE: 1998-09-24
100	PRIOR APPLICATION NUMBER: 60/101916
101	PRIOR FILING DATE: 1998-09-24
102	PRIOR APPLICATION NUMBER: 60/102207
103	PRIOR FILING DATE: 1998-09-29
104	PRIOR APPLICATION NUMBER: 60/102240
105	PRIOR FILING DATE: 1998-09-29
106	PRIOR APPLICATION NUMBER: 60/102307
107	PRIOR FILING DATE: 1998-09-29
108	PRIOR APPLICATION NUMBER: 60/102330
109	PRIOR FILING DATE: 1998-09-29
110	PRIOR APPLICATION NUMBER: 60/102331
111	PRIOR FILING DATE: 1998-09-29
112	PRIOR APPLICATION NUMBER: 60/102484
113	PRIOR FILING DATE: 1998-09-30
114	PRIOR APPLICATION NUMBER: 60/102487
115	PRIOR FILING DATE: 1998-09-30
116	PRIOR APPLICATION NUMBER: 60/102570
117	PRIOR FILING DATE: 1998-09-30
118	PRIOR APPLICATION NUMBER: 60/102684
119	PRIOR FILING DATE: 1998-10-01
120	PRIOR APPLICATION NUMBER: 60/102687
121	PRIOR FILING DATE: 1998-10-01
122	PRIOR APPLICATION NUMBER: 60/102965
123	PRIOR FILING DATE: 1998-10-02
124	PRIOR APPLICATION NUMBER: 60/103258
125	PRIOR FILING DATE: 1998-10-06
126	PRIOR APPLICATION NUMBER: 60/103314
127	PRIOR FILING DATE: 1998-10-07
128	P

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; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCCTG 4280
Db      1 CTGCTCCACTGCTCTGTCGTG 22
```

```

RESULT 1441
US-10-015-388A-379
; Sequence 379, Application US/10015388A
; Publication No. US20030191299A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PLC44
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
```

```

; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCCTG 4280
Db      1 CTGCTCCACTGCTCTGTCGTG 22
```

```

RESULT 1442
US-10-012-753A-379
; Sequence 379, Application US/10012753A
; Publication No. US20030195334A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PLC17
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4259 CTCCTCTCTGCACTGTCCTG 4280
Db      1 CTGCTCCACTGCTCTGTCGTG 22
```

```

RESULT 1443
US-10-015-385A-379
; Sequence 379, Application US/10015385A
; Publication No. US20030195347A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
```

```
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4259 CTCCTCTCTGCACTGTCGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTCTGTGCTG 22
```

```
RESULT 1444
US-10-007-236A-379
; Sequence 379, Application US/10007236A
; Publication No. US2003019893A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4259 CTCCTCTCTGCACTGTCGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTCTGTGCTG 22
```

```
RESULT 1445
US-10-015-389A-379
; Sequence 379, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-379
```

```
Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4259 CTCCTCTCTGCACTGTCGCTG 4280
```

```
Db      1 CTGCTTCACCTGCTCTGTGCTG 22
```

```
RESULT 1446
US-10-015-519A-379
; Sequence 379, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTG 4280
DB 1 CTCCTCCACTGCTGCTGCTG 22

RESULT 1447
US-10-013-915A-379
; Sequence 379, Application US/10013915A
; Publication No. US20030204053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTG 4280
DB 1 CTCCTCCACTGCTGCTGCTG 22

RESULT 1448
US-10-015-394A-379
; Sequence 379, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
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APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C41
; CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-379

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCTGCTGCTG 4280
DB 1 CTCCTCCACTGCTGCTGCTG 22

RESULT 1449
US-10-351-157-171/C
; Sequence 171, Application US/10351157
; Publication No. US20030215838A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Gao, Zeren
; APPLICANT: Kuiper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Hammond, Angela K.
; APPLICANT: No. US20030215838A1ak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
; FILE REFERENCE: 02-02
; CURRENT APPLICATION NUMBER: US/10/351,157
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/435,361
; PRIOR FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: US 60/389,108
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 183
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer ZC41500
; US-10-351-157-171

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4465 TTTTCTTTTCTTTTCTTTTCTTGC 4486
Db       23 TTATTATGTTTATTATTTC 2

RESULT 1450
US-10-015-390A-379
; Sequence 379, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C5
; CURRENT APPLICATION NUMBER: US/10/015,390A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 379
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-015-390A-379

Query Match          0.2%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      4259 CTCCTCTCTGCACGTGCTG 4280
Db       1  CTGCTCCACGTCTGTGCTG 22

RESULT 1451
US-10-006-746A-379
; Sequence 379, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```

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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C5
; CURRENT APPLICATION NUMBER: US/10/006,746A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099808
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099815
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100388
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100584
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100661
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100662
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100664
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100683
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100684
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/100710
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PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100711  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100848  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100849  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100919  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100930  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/101014  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101068  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101071  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/101279  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: 60/101471  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101472  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101474  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101476  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101477  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101479  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101743  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101915  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102207  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102240  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102307  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102330  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102331  
PRIOR FILING DATE: 1998-09-29  
PRIOR APPLICATION NUMBER: 60/102484  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102487  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102571  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/102684  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102687  
PRIOR FILING DATE: 1998-10-01  
PRIOR APPLICATION NUMBER: 60/102965  
PRIOR FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: 60/103258  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103314  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103315  
PRIOR FILING DATE: 1998-10-07

PRIOR APPLICATION NUMBER: 60/103328  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103395  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103396  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103401  
PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103633  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103711  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/104257  
PRIOR FILING DATE: 1998-10-14  
PRIOR APPLICATION NUMBER: 60/104987  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105104  
PRIOR FILING DATE: 1998-10-21  
PRIOR APPLICATION NUMBER: 60/105169  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105266  
PRIOR FILING DATE: 1998-10-22  
PRIOR APPLICATION NUMBER: 60/105693  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105694  
PRIOR FILING DATE: 1998-10-26  
PRIOR APPLICATION NUMBER: 60/105807  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/105882  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106023  
PRIOR FILING DATE: 1998-10-28

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTG 4280  
DB 1 CTCCTCCACTGCTGCTG 22

RESULT 1452  
US-10-011-795A-379  
Sequence 379, Application US/10011795A  
Publication No. US20040005626A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan I.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.

;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C25  
;; CURRENT APPLICATION NUMBER: US/10/011,795A  
;; PRIORITY FILING DATE: 2001-12-07  
;; PRIORITY APPLICATION removed - See file wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 477  
;; SEQ ID NO 379  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-011-795A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTCTG 4280  
Db 1 CTGCTCTCACTGCTCTGCTG 22

RESULT 1453  
US-10-309-775A-13/C  
;; Sequence 13, Application US/10309775A  
;; Publication No. US2004006032A1  
;; GENERAL INFORMATION:  
;; APPLICANT: LOPEZ, Ricardo A.  
;; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
;; FILE REFERENCE: 2901/0M327  
;; CURRENT APPLICATION NUMBER: US/10/309,775A  
;; PRIORITY FILING DATE: 2002-12-04  
;; PRIORITY APPLICATION NUMBER: CA 2,388,049  
;; PRIORITY FILING DATE: 2002-05-30  
;; NUMBER OF SEQ ID NOS: 74  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 13  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: PCR primer  
US-10-309-775A-13

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4467 TTTTGTGTGTGTGTGTGTGT 4488  
Db 24 TTTTGTGTGTGTGTGTGTGT 3

RESULT 1454  
US-10-012-231A-379  
;; Sequence 379, Application US/10012231A  
;; Publication No. US20040014130A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Bolstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan L.  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Pan, James

;; APPLICANT: Paoni, Nicholas F.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2830P1C23  
;; CURRENT APPLICATION NUMBER: US/10/012,231A  
;; PRIORITY FILING DATE: 2002-06-10  
;; PRIORITY APPLICATION removed - See file wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 477  
;; SEQ ID NO 379  
;; LENGTH: 24  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic oligonucleotide probe  
US-10-012-231A-379

Query Match 0.2%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4259 CTCCTCTCTGCACTGCTCTG 4280  
Db 1 CTGCTCTCACTGCTCTGCTG 22

RESULT 1455  
US-10-179-940-187/C  
;; Sequence 187, Application US/10179940  
;; Publication No. US20040018618A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Abrams, Mark A.  
;; APPLICANT: Bauer, S. C.  
;; APPLICANT: Bradford-Goldberg, Sarah R.  
;; APPLICANT: Caparon, Maïre H.  
;; APPLICANT: Easton, Alan M.  
;; APPLICANT: Klein, Barbara K.  
;; APPLICANT: McKearn, John P.  
;; APPLICANT: Olin, Peter O.  
;; APPLICANT: Paik, Kumman  
;; APPLICANT: Polaszki, Joseph O.  
;; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
;; NUMBER OF SEQUENCES: 549  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Carol M. Nielsen, Gardere Wynne Sewell LLP,  
;; STREET: 1601 Elm Street, Suite 3000  
;; CITY: Dallas  
;; STATE: Texas  
;; COUNTRY: USA  
;; ZIP: 75201-4761  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; OPERATING SYSTEM: IBM PC compatible  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/179,940  
;; FILING DATE: 19-Jun-2002  
;; CLASSIFICATION: Unknown  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/981044  
;; FILING DATE: 24-NOV-1992  
;; APPLICATION NUMBER: PCT/US93/11198  
;; FILING DATE: 22-NOV-1993  
;; APPLICATION NUMBER: US 08/411796  
;; FILING DATE: 09-APR-1995  
;; APPLICATION NUMBER: US 08/559390  
;; FILING DATE: 15-NOV-1995  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Carol M. Nielsen  
;; REGISTRATION NUMBER: 37,676  
;; REFERENCE/DOCKET NUMBER: 126181-1056 (C2713/1)  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (713) 276-5383

```

; TELEFAX: (713) 276-5555
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 24 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 187:
US-10-179-940-187

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 CCGCGCGCGCAACGAGCGCTGC 69
DB 24 CAGCAGCGCGCAGCGGTGCTGC 3

RESULT 1456
US-10-429-160-110
; Sequence 110, Application US/10429160
; Publication No.: US20040023276A1
; GENERAL INFORMATION:
; APPLICANT: Ward, Teresa R
; APPLICANT: Lindsey, Peter S
; APPLICANT: Lund, Lund
; TITLE OF INVENTION: LXR Ligand Induced Genes and Proteins
; FILE REFERENCE: RS0200
; CURRENT APPLICATION NUMBER: US/10/429,160
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: US 60/377,714
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-429-160-110

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1810 GTGCGAGATACACTCTTGGGAA 1831
DB 1 GACGCTGCTACACTCTTGAGAA 22

RESULT 1457
US-10-664-422-332/c
; Sequence 332, Application US/10664422
; Publication No. US20040096885A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESSES, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G00D:023USD3
; CURRENT APPLICATION NUMBER: US/10/664,422
; PRIOR FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 332
; LENGTH: 24
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: .
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-422-332

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1346 GTCCCTGATGAGATGCCAG 1367
DB 24 GTTACTGAGAGAGTGCAG 3

RESULT 1458
US-10-664-423-332/c
; Sequence 332, Application US/10664423
; Publication No. US20040096886A1
; GENERAL INFORMATION:
; APPLICANT: Rouleau, Guy A.
; APPLICANT: Lafreniere, Ronald G.
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M
; TITLE OF INVENTION: USING SAME TO ASSESSES, DIAGNOSE, PROGNOSIS OR TREAT EPILEPSY
; FILE REFERENCE: G00D:023USD2
; CURRENT APPLICATION NUMBER: US/10/664,423
; PRIOR FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: 09/718,355
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: 60/167,623
; NUMBER OF SEQ ID NOS: 408
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 332
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: .
; OTHER INFORMATION: Description of Artificial Sequence: synthetic oligonucleotide
US-10-664-423-332

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1346 GTCCCTGATGAGATGCCAG 1367
DB 24 GTTACTGAGAGAGTGCAG 3

RESULT 1459
US-10-477-726-37/c
; Sequence 37, Application US/10477726
; Publication No. US20040110231A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; APPLICANT: Screening method
; FILE REFERENCE: P02-0058PCT
; CURRENT APPLICATION NUMBER: US/10/477,726
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 2001-145411
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 37
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: .
; OTHER INFORMATION: Primer
US-10-477-726-37

Query Match
Best Local Similarity 0.2%; Score 15.6; DB 1; Length 24;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 7414 AGCAGCAGCAGCAGCAGCAGCA 7435

Db 23 AGCAGAGCAGCAGCAGCAGTCCA 2

RESULT 1460  
US-10-374-307-8/c

; Sequence 8, Application US/10374307  
; Publication No. US20040170984A1

; GENERAL INFORMATION:

; APPLICANT: Leproust, Eric M.

; APPLICANT: Amorese, Douglas A.

; APPLICANT: Kronick, Mel N.

; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING

; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY

; FILE REFERENCE: AGIL-078

; CURRENT APPLICATION NUMBER: US/10/374,307

; CURRENT FILING DATE: 2003-02-25

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 8

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-374-307-8

Query Match  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5327 TCTCTCTTGGCTCACTCTCTC 5348

Db 23 TCTCTCTCTCTCTCTCTCTC 2

RESULT 1461

US-10-374-307-11

; Sequence 11, Application US/10374307

; Publication No. US20040170984A1

; GENERAL INFORMATION:

; APPLICANT: Leproust, Eric M.

; APPLICANT: Amorese, Douglas A.

; APPLICANT: Kronick, Mel N.

; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING

; TITLE OF INVENTION: PRINTHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY

; FILE REFERENCE: AGIL-078

; CURRENT APPLICATION NUMBER: US/10/374,307

; CURRENT FILING DATE: 2003-02-25

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 11

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-374-307-11

Query Match  
Best Local Similarity 81.8%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5327 TCTCTCTTGGCTCACTCTCTC 5348

Db 2 TCTCTCTCTCTCTCTCTCTC 23

RESULT 1462

US-10-746-264-21/c

; Sequence 21, Application US/10746264

; Publication No. US20040171106A1

; GENERAL INFORMATION:

; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.

; TITLE OF INVENTION: Process for producing dipeptides

; FILE REFERENCE: 11524U31

; CURRENT APPLICATION NUMBER: US/10/746,264

; CURRENT FILING DATE: 2003-12-29

; PRIOR APPLICATION NUMBER: JP 2002-376054

; PRIOR FILING DATE: 2002-12-26

; PRIOR APPLICATION NUMBER: JP 2003-420887

; PRIOR FILING DATE: 2003-12-18

; NUMBER OF SEQ ID NOS: 36

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 21

; LENGTH: 24

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-746-264-21

Query Match

Best Local Similarity 81.8%; Pred. No. 1.3e+03;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3788 CTTTCACATGACAGTCTCG 3809

Db 22 CTGTCACATGACAGTCTTG 1

RESULT 1463

US-09-891-517-6/c

; Sequence 6, Application US/09891517

; Patent No. US20020106653A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KANAGATA, YOICHI

; APPLICANT: TORIMURA, MASAKI

; APPLICANT: KURATA, SHIYU

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C

; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C

; FILE REFERENCE: 210352US-1994-163-0-X

; CURRENT APPLICATION NUMBER: US/09/891,517

; CURRENT FILING DATE: 2001-06-27

; PRIOR APPLICATION NUMBER: JP2000-193133

; PRIOR FILING DATE: 2000-06-27

; PRIOR APPLICATION NUMBER: JP2000-236115

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: JP2000-292483

; PRIOR FILING DATE: 2000-09-26

; NUMBER OF SEQ ID NOS: 108

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6

; LENGTH: 30

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic DNA

US-09-891-517-6

Query Match

Best Local Similarity 70.0%; Pred. No. 1.6e+03;

Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

OY 4022 AAAAGAGAAACAAATGTTATTTAT 4051

Db 30 AAAAAGAGAAACAAATGTTATTTAT 1

```
RESULT 1464
US-09-891-517-7/c
; Sequence 7, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-7

Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTTATTT 4047
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1465
US-10-683-386-5/c
; Sequence 5, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
```

```
US-10-683-386-5
Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAACAAATGTTATTTAT 4051
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1466
US-10-683-386-6/c
; Sequence 6, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-6

Query Match          0.2%; Score 15.6; DB 1; Length 30;
Best Local Similarity 70.0%; Pred. No. 1.6e+03;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAACAAATGTTATTT 4047
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1467
US-10-683-386-7/c
; Sequence 7, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
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;; PRIOR FILING DATE: 1999-04-20  
;; NUMBER OF SEQ ID NOS: 70  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 7  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: ARTIFICIAL SEQUENCE  
;; FEATURE:  
;; OTHER INFORMATION: SYNTHETIC DNA  
US-10-683-386-7

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 1.6e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047  
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1468  
US-10-209-608-5/c  
; Sequence 5, Application US/10209608  
; Publication No. US20030082592A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/10/209, 608  
; PRIOR APPLICATION NUMBER: US/09/725,265  
; PRIOR FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-5

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 1.6e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAACAAATGTTATTTAT 4051  
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1469  
US-10-209-608-6/c  
; Sequence 6, Application US/10209608  
; Publication No. US20030082592A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU

;; APPLICANT: KOYAMA, OSAMU  
;; APPLICANT: FURUSHO, KENTA  
;; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
;; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
;; TITLE OF INVENTION: THE METHOD  
;; FILE REFERENCE: 199953USOXDIV  
;; CURRENT APPLICATION NUMBER: US/10/209, 608  
;; PRIOR APPLICATION NUMBER: US/09/725,265  
;; PRIOR FILING DATE: 2000-11-29  
;; PRIOR APPLICATION NUMBER: US 09/556,127  
;; PRIOR FILING DATE: 2000-04-20  
;; PRIOR APPLICATION NUMBER: JP 1999-111601  
;; PRIOR FILING DATE: 1999-04-20  
;; NUMBER OF SEQ ID NOS: 70  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 6  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: ARTIFICIAL SEQUENCE  
;; FEATURE:  
;; OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-6

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 1.6e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047  
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

RESULT 1470  
US-10-209-608-7/c  
; Sequence 7, Application US/10209608  
; Publication No. US20030082592A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; TITLE OF INVENTION: THE METHOD  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/10/209, 608  
; PRIOR APPLICATION NUMBER: US/09/725,265  
; PRIOR FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-7

Query Match 0.2%; Score 15.6; DB 1; Length 30;  
Best Local Similarity 70.0%; Pred. No. 1.6e+03;  
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAGAAAACAAATGTTATTT 4047  
DB 30 AAAAAAAAAAACAACAAAAAATATATAT 1

```
Db      30 AAAAAAAAAACAAAAAATATATAT 1
RESULT 1471
US-09-927-046-1043
; Sequence 1043, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grube, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; FILE REFERENCE: Channel-1
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1043
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1043

Query Match
Best Local Similarity 0.2%; Score 15.4; DB 1; Length 17;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      5015 GAGGCTCTGGAGAGAG 5031
Db      1 GCGGGCUCUGGAGAGAG 17

RESULT 1472
US-10-156-306-521
; Sequence 521, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-521

Query Match
Best Local Similarity 0.2%; Score 15.4; DB 1; Length 17;
Matches 0; Conservative 16; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT 4480
Db      1 UUCUUUUUUUUUUUUUU 17

RESULT 1473
US-10-156-306-2322
; Sequence 2322, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2322
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2322

Query Match
Best Local Similarity 58.8%; Score 15.4; DB 1; Length 17;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      5584 TGGCTCATGTGATTTG 5600
Db      1 UGGCUCAGUGAUUUU 17

RESULT 1474
US-10-156-306-3639
; Sequence 3639, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3639
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3639

Query Match
Best Local Similarity 0.2%; Score 15.4; DB 1; Length 17;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      5583 TTGGCTCATGTGATTT 5599
Db      1 UUGGUCACGUGAUUU 17

RESULT 1475
US-10-156-306-4918
; Sequence 4918, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4918
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4918

Query Match
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 17;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;
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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 7421 GCAGCAGCAGCAGCA 7437  
Db 1 GCUGCAGCAGCAGCA 17

RESULT 1476  
US-10-138-674-1408/c  
; Sequence 1408, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1408  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-1408

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3324 GATGTTTAATGGGTC 3340  
Db 17 GATGTTTAACGGGTC 1

RESULT 1477  
US-10-138-674-5562  
; Sequence 5562, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5562  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-5562

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 8.7e+02;  
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCTTAACGGG 3982  
Db 1 AAUAUUUUCUUAUUUGG 17

RESULT 1478  
US-10-138-674-9252

; Sequence 9252, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 9252  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-9252

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 8.7e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
QY 2824 CTTTCCAGCCGCCAGGA 2840  
Db 1 CUUGCCAGCCGCCAGGA 17

RESULT 1479  
US-10-287-949A-1408/c  
; Sequence 1408, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1408  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-1408

Query Match 0.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 8.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3324 GATGTTTAATGGGTC 3340  
Db 17 GATGTTTAACGGGTC 1

RESULT 1480  
US-10-287-949A-5562  
; Sequence 5562, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

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; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 138
; LENGTH: 17
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-628-109-138

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      2831 AGCCCCAGAGCTGTC 2847
      |||||
Db      17 AGCCCCAGAGCTGAC 1

RESULT 1483
US-10-735-592-11
; Sequence 11, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Kriegl
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-11

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      4468 TTTTNTTTTTTTTNG 4484
      |||||
Db      1 TTTTNTTTTTTTTCG 17

RESULT 1484
US-10-735-592-12
; Sequence 12, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Kriegl
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-12

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      4468 TTTTNTTTTTTTTNG 4484
      |||||
Db      1 TTTTNTTTTTTTTCG 17

Query Match          0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4463 CTTTTTTTTTTTTTTT 4479
Db 1 CTTTTTTTTTTTTTTT 17

RESULT 1485
US-10-735-592-14
; Sequence 14, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-14

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4478
Db 1 ACTTTTTTTTTTTTTT 17

RESULT 1486
US-10-735-592-17
; Sequence 17, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-17

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4480
Db 1 TTGTTTTTTTTTTTTT 17

RESULT 1487
US-10-735-592-56
; Sequence 56, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
```

```
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735.592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-56

Query Match 0.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 8.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTTT 4480
Db 1 TUGTTTTTTTTTTTTT 17

RESULT 1488
US-09-774-381-17
; Sequence 17, Application US/09774381
; Publication No. US20030082677A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Pan, Yang
; APPLICANT: Geating, David P.
; TITLE OF INVENTION: NOVEL EDIRF, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
; FILE REFERENCE: MNI-107CP2
; CURRENT APPLICATION NUMBER: US/09/774.381
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 08/941.354
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/010.674
; PRIOR FILING DATE: 1998-01-22
; PRIOR APPLICATION NUMBER: 60/061.149
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/014.347
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 60/061.159
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/474.151
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 09/004.206
; PRIOR FILING DATE: 1998-01-08
; PRIOR APPLICATION NUMBER: 60/061.143
; PRIOR FILING DATE: 1997-10-06
; PRIOR APPLICATION NUMBER: 09/483.414
; PRIOR FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 09/213.571
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994.890
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-774-381-17

Query Match 0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 4994 GCCCAGCTGAGACAG 5010  
DB 1 GCCCAGCTGAGACAG 17

## RESULT 1489

US-10-065-200A-48/C  
; Sequence 48, Application US/10065200A  
; Publication No. US20030064478A1  
; GENERAL INFORMATION:  
; APPLICANT: Mienewski, Nancy  
; APPLICANT: Becher, Anna M.  
; APPLICANT: Jarvis, Eric  
; TITLE OF INVENTION: NOVEL FLEA ECDYSONE AND ULTRASPINDLE NUCLEIC ACID MOLECULES, PRO  
; FILE REFERENCE: FC-4-1  
; CURRENT APPLICATION NUMBER: US/10/065,200A  
; CURRENT FILING DATE: 2002-11-18  
; PRIOR APPLICATION NUMBER: 09/435,019  
; PRIOR FILING DATE: 1999-11-05  
; PRIOR APPLICATION NUMBER: 60/107,559  
; PRIOR FILING DATE: 1998-11-06  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 48  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-10-065-200A-48

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5045 GAGCCACATTCCTTAC 5061

DB 17 GAGCCACATTCCTTAC 1

## RESULT 1490

US-09-775-479-8/C  
; Sequence 8, Application US/09775479  
; Publication No. US20040067197A1  
; GENERAL INFORMATION:  
; APPLICANT: LECTERC, Guy  
; APPLICANT: MARTEL, R. M.  
; TITLE OF INVENTION: RADIO-LABELLED DNA CARRIER, METHOD OF  
; TITLE OF INVENTION: RADIO-LABELLED DNA CARRIER, METHOD OF PREPARATION AND  
; FILE REFERENCE: 12168-1US-2  
; CURRENT APPLICATION NUMBER: US/09/775,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: 09/318,106  
; PRIOR FILING DATE: 1999-05-24  
; PRIOR APPLICATION NUMBER: 08/756,728  
; PRIOR FILING DATE: 1996-11-26  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 8  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-09-775-479-8

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4462 ACTTTTCTTTTCTT 4478  
DB 1 ACTTTTCTTTTCTT 1

## RESULT 1491

US-10-156-487A-11  
; Sequence 11, Application US/10156487A  
; Publication No. US20030092025A1  
; GENERAL INFORMATION:  
; APPLICANT: Juan, Todd  
; APPLICANT: Bass, Michael B.  
; APPLICANT: Oliner, John  
; TITLE OF INVENTION: Tumor Endothelial Marker 7a Molecules and Uses Thereof  
; FILE REFERENCE: 01-072-A  
; CURRENT APPLICATION NUMBER: US/10/156,487A  
; CURRENT FILING DATE: 2002-09-10  
; PRIOR APPLICATION NUMBER: 60/293,852  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 11  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer  
US-10-156-487A-11

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1614 CTTACAGACGCTGC 1630

DB 2 CTTACAGACGCTGC 18

## RESULT 1492

US-10-143-266-4  
; Sequence 4, Application US/10143266  
; Publication No. US20030108887A1  
; GENERAL INFORMATION:  
; APPLICANT: Rannum, Laura  
; APPLICANT: Day, John  
; TITLE OF INVENTION: LIQUOR1, Chictina  
; FILE REFERENCE: 110-015803.01  
; CURRENT APPLICATION NUMBER: US/10/143,266  
; CURRENT FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: 60/290,365  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: 60/302,022  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: 60/337,831  
; PRIOR FILING DATE: 2001-11-13  
; NUMBER OF SEQ ID NOS: 39  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-10-143-266-4

Query Match 0.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 9.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5801 TGCCTGCTGTGCTT 5817

DB 1 TGCCTGCTGTGCTT 17

```
RESULT 1493
US-10-197-293-18
; Sequence 18, Application US/10197293
; Publication No. US20030171547A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-49c1
; CURRENT APPLICATION NUMBER: US/10/197,293
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US 09/686,838
; PRIOR FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 09/140,804
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/056,983
; PRIOR FILING DATE: 1997-08-26
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC15002
US-10-197-293-18

Query Match      0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2875 AGGAGGTGGGTAGG 2891
Db      1 AGGAGGTGGGTAGG 17

RESULT 1494
US-10-436-231-1
; Sequence 1, Application US/10436231
; Publication No. US20040175704A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorige, Joseph A
; APPLICANT: Filmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-1

Query Match      0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7408 AACATCAGCAGCAGCAG 7424
Db      2 AACAGCAGCAGCAGCAG 18

RESULT 1495
US-10-436-231-2/c
; Sequence 2, Application US/10436231
; Publication No. US20040175704A1
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```
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; APPLICANT: Sorige, Joseph A
; APPLICANT: Filmin, Andrew
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE SEQUENCE DETECTION
; FILE REFERENCE: 25436/2392
; CURRENT APPLICATION NUMBER: US/10/436,231
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 60/452,481
; PRIOR FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Example Allele A comprising tandem repeats
US-10-436-231-2

Query Match      0.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 9.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7408 AACATCAGCAGCAGCAG 7424
Db      17 AACAGCAGCAGCAGCAG 1

RESULT 1496
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. US20020068286A1
; GENERAL INFORMATION:
; APPLICANT: Kleya, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennile & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
```



RESULT 1501  
US-09-779-086-4  
Sequence 4, Application US/09779086  
Patent No. US20010049349A1  
GENERAL INFORMATION:  
APPLICANT: Chinery, Rebecca  
APPLICANT: Beauchamp, Daniel R.  
APPLICANT: Coffey, Robert J.  
APPLICANT: Medford, Russell M.  
APPLICANT: Wadzinski, Brian  
TITLE OF INVENTION: Antioxidant Enhancement of Therapy for  
FILE REFERENCE: ATH 108 CON1  
CURRENT APPLICATION NUMBER: US/09/779,086  
CURRENT FILING DATE: 2001-02-07  
PRIOR APPLICATION NUMBER: 08/967,492  
PRIOR FILING DATE: 1997-11-11  
PRIOR APPLICATION NUMBER: 08/886,653  
PRIOR FILING DATE: 1997-07-01  
PRIOR APPLICATION NUMBER: 09/108,609  
PRIOR FILING DATE: 1998-07-01  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-779-086-4

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3963 TTCAATATTCTTAAGT 3979  
Db 2 TTCAATATTCTTAAGT 18

RESULT 1502  
US-09-802-669-177/c  
Sequence 177, Application US/09802669  
Patent No. US20020004490A1  
GENERAL INFORMATION:  
APPLICANT: Dean, Nicholas M.  
APPLICANT: Marcuseon, Eric G.  
APPLICANT: Wyatt, Jacqueline  
APPLICANT: Zhang, Hong  
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling  
FILE REFERENCE: ISPH-545  
CURRENT APPLICATION NUMBER: US/09/802,669  
CURRENT FILING DATE: 2001-03-09  
PRIOR APPLICATION NUMBER: US 09/665,615  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: US 09/290,640  
PRIOR FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 180  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 177  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-802-669-177

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6821 TTCTGCTTTTCGCTTT 6837  
Db 1 TTCTGCTTTTCGCTTT 1

Db 17 TTCTGCTTTTCGCTTT 1  
RESULT 1503  
US-09-903-413-8  
Sequence 8, Application US/09903413  
Patent No. US20020160373A1  
GENERAL INFORMATION:  
APPLICANT: Avery, Anne C.  
APPLICANT: Burnett, Robert  
TITLE OF INVENTION: PCR MATERIALS AND METHODS USEFUL TO DETECT CANINE AND  
FILE REFERENCE: DI-14  
CURRENT APPLICATION NUMBER: US/09/903,413  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: 60/217,611  
PRIOR FILING DATE: 2000-07-11  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 8  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-903-413-8

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7068 TTGTTGAATGCACTGAG 7084  
Db 3 TTGTTGAATGCACTGAG 19

RESULT 1504  
US-09-900-425A-14/c  
Sequence 14, Application US/09900425A  
Patent No. US20020164601A1  
GENERAL INFORMATION:  
APPLICANT: Wu, Hongjiang  
APPLICANT: Crooke, Stanley T.  
TITLE OF INVENTION: Human RNase III and Compositions and Uses Thereof  
FILE REFERENCE: ISPH-0522  
CURRENT APPLICATION NUMBER: US/09/900,425A  
CURRENT FILING DATE: 2002-01-29  
PRIOR APPLICATION NUMBER: US 09/479,783  
PRIOR FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 08/870,608  
PRIOR FILING DATE: 1997-06-06  
PRIOR APPLICATION NUMBER: US 80/659,440  
PRIOR FILING DATE: 1996-06-06  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Version 3.1  
SEQ ID NO 14  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-900-425A-14

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6992 TGAGGTGGAAGGAG 7008  
Db 20 TGAGGTGGAAGGAG 4

RESULT 1505  
US-09-784-674-728  
Sequence 728, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Dejenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
INFORMATION FOR SEQ ID NO: 728:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 728:  
US-09-784-674-728  
Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5698 TTTTCCTTCCTTTCC 5714  
DB 4 TTTTCCTTCCTTTCC 20  
RESULT 1506  
US-09-784-674-729  
Sequence 729, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Dejenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences

NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
INFORMATION FOR SEQ ID NO: 729:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 729:  
US-09-784-674-729  
Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5698 TTTTCCTTCCTTTCC 5714  
DB 3 TTTTCCTTCCTTTCC 19  
RESULT 1507  
US-09-784-674-730  
Sequence 730, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Dejenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 730:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 730:  
US-09-784-674-730

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5698 TTTGGCCTTCCTTTCC 5714  
Db 2 TTTCCCTTCCTTTCC 18

RESULT 1508  
US-09-784-674-731  
Sequence 731, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 731:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 731:  
US-09-784-674-731

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5698 TTTGGCCTTCCTTTCC 5714  
Db 1 TTTCCCTTCCTTTCC 17

RESULT 1509  
US-09-917-963-98/c  
Sequence 98, Application US/09917963  
Publication No. US20030086912A1  
GENERAL INFORMATION:  
APPLICANT: Rosanne M. Crooke  
Mark J. Graham  
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN  
EXPRESSION  
FILE REFERENCE: ISPH-0591  
CURRENT APPLICATION NUMBER: US/09/917,963  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 137  
SEQ ID NO 98  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-917-963-98

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5548 GCATGCAGATGAGAG 5564  
Db 20 GCATGCAGATGAGAG 4

RESULT 1510  
US-09-899-440-3  
Sequence 3, Application US/09899440  
Publication No. US20030092158A1  
GENERAL INFORMATION:  
APPLICANT: Stein, Cy  
TITLE OF INVENTION: PHOSPHOROTHOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES  
FILE REFERENCE: 0575/63180  
CURRENT APPLICATION NUMBER: US/09/899,440  
CURRENT FILING DATE: 2001-07-05  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature

LOCATION: ( )..( )  
 OTHER INFORMATION: antisense oligonucleotide LB65  
 US-09-899-440-3

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCACA 7429  
 DB 4 CAGCAGCAGCAGCACA 20

RESULT 1511  
 US-09-972-607-36/C  
 Sequence 36, Application US/09972607  
 Publication No. US20030105037A1  
 GENERAL INFORMATION:  
 APPLICANT: Brett P. Monia  
 APPLICANT: Jacqueline Wyatt  
 TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION  
 FILE REFERENCE: RTS-0191  
 CURRENT FILING DATE: 2001-10-06  
 NUMBER OF SEQ ID NOS: 88  
 SEQ ID NO 36  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-972-607-36

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7421 GCAGCAGCAGCACA 7437  
 DB 17 GCTGCAGCAGCAGCACA 1

RESULT 1512  
 US-09-792-616-5/C  
 Sequence 5, Application US/09792616  
 Publication No. US20030165828A1  
 GENERAL INFORMATION:  
 APPLICANT: PXE International, Inc.  
 APPLICANT: University of Hawaii  
 TITLE OF INVENTION: Mutations in a gene encoding an ABC transporter (MRP6) causing  
 FILE REFERENCE: PXE-001  
 CURRENT APPLICATION NUMBER: US/09/792,616  
 CURRENT FILING DATE: 2001-02-23  
 NUMBER OF SEQ ID NOS: 27  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 5  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Artificial  
 FEATURE:  
 OTHER INFORMATION: PCR primer for ABCC6  
 US-09-792-616-5

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 467 TTGGTGCATCGCAGCCT 483  
 DB 19 TTGGTGCATCGCAGCCT 3

RESULT 1513  
 US-10-087-684-129/C  
 Sequence 129, Application US/10087684  
 Publication No. US20040029116A1  
 GENERAL INFORMATION:  
 APPLICANT: Edinger, Shlomit R.  
 APPLICANT: MacDougall, John R.  
 APPLICANT: Miller, Isabelle  
 APPLICANT: Ellerman, Karen  
 APPLICANT: Stone, David J.  
 APPLICANT: Grose, William M.  
 APPLICANT: Lepley, Denise M.  
 APPLICANT: Rieger, Daniel K.  
 APPLICANT: Burgess, Catherine E.  
 APPLICANT: Casman, Stacie, J.  
 APPLICANT: Spytek, Kimberly A.  
 APPLICANT: Boldog, Ferenc L.  
 APPLICANT: Li, Li  
 APPLICANT: Padigaru, Muralidhara  
 APPLICANT: Mishra, Vishnu  
 APPLICANT: Shenoy, Suresh G.  
 APPLICANT: Raetelli, Luca  
 APPLICANT: Tchernev, Velizar T.  
 APPLICANT: Vernet, Corine A.M.  
 APPLICANT: Zernusen, Bryan D.  
 APPLICANT: Malvankar, Uriel M.  
 APPLICANT: Guo, Xiaojia  
 APPLICANT: Miller, Charles E.  
 APPLICANT: Gangolli, Esha A.  
 TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
 FILE REFERENCE: 21402-214 CIP  
 CURRENT APPLICATION NUMBER: US/10/087,684  
 CURRENT FILING DATE: 2003-03-10  
 PRIOR APPLICATION NUMBER: 60/253,834  
 PRIOR FILING DATE: 2000-11-29  
 PRIOR APPLICATION NUMBER: 60/250,926  
 PRIOR FILING DATE: 2000-11-30  
 PRIOR APPLICATION NUMBER: 60/264,180  
 PRIOR FILING DATE: 2001-01-25  
 PRIOR APPLICATION NUMBER: 60/274,194  
 PRIOR FILING DATE: 2001-03-08  
 PRIOR APPLICATION NUMBER: 60/313,656  
 PRIOR FILING DATE: 2001-08-20  
 PRIOR APPLICATION NUMBER: 60/327,456  
 PRIOR FILING DATE: 2001-10-05  
 NUMBER OF SEQ ID NOS: 220  
 SOFTWARE: CuiaseqList version 0.1  
 SEQ ID NO 129  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
 US-10-087-684-129

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
 Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7423 AGCAGCAGCAGCACA 7439  
 DB 20 AGCAGCAGCAGCACA 4

RESULT 1514  
 US-10-218-779-129/C  
 Sequence 129, Application US/10218779  
 Publication No. US20040029222A1  
 GENERAL INFORMATION:  
 APPLICANT: Edinger, Shlomit  
 APPLICANT: MacDougall, John  
 APPLICANT: Miller, Isabelle  
 APPLICANT: Ellerman, Karen

```
; APPLICANT: Stone, David
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grosse, William
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise
; APPLICANT: Rieger, Daniel
; APPLICANT: Burgess, Catherine
; APPLICANT: Caeman, Stacie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Boldog, Perenc
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Paturajan, Meera
; APPLICANT: Shenoy, Suresh
; APPLICANT: Raetelli, Luca
; APPLICANT: Tchernev, Velizar
; APPLICANT: Verneq, Corine
; APPLICANT: Zernhusen, Bryan
; APPLICANT: Malyanhar, Uriel
; APPLICANT: Guo, Xiaojia
; APPLICANT: Miller, Charles
; APPLICANT: Gangoli, Esna
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-214
; CURRENT APPLICATION NUMBER: US/10/218,779
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/250,-926
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 60/327,456
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically
; OTHER INFORMATION: synthesized
US-10-218-779-129

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7423 AGCAGCAGCAGCACCAT 7439
Db      20 AGCAGCAGCAGCACCAT 4

RESULT 1515
US-10-619-220-177/c
; Sequence 177, Application US/10619220
; Publication No. US2004003979A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Zhang, Hong
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-545
; CURRENT APPLICATION NUMBER: US/10/619,220
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 09/802,669
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/665,615
```

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; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-619-220-177

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6821 TTTCGTGTTTCGCTTT 6837
Db      17 TTTCGTGTTTCGCTTT 1

RESULT 1516
US-10-160-497-41/c
; Sequence 41, Application US/10160497
; Publication No. US2003022451A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
; FILE REFERENCE: RTS-0386
; CURRENT APPLICATION NUMBER: US/10/160,497
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-497-41

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5008 CAGATGAGGAGGCTTG 5024
Db      18 CAGATGAGGAGGCTTG 2

RESULT 1517
US-10-160-497-108
; Sequence 108, Application US/10160497
; Publication No. US2003022451A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
; FILE REFERENCE: RTS-0386
; CURRENT APPLICATION NUMBER: US/10/160,497
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-497-108

Query Match          0.2%; Score 15.4; DB 1; Length 20;
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; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; TITLE OF INVENTION: Human RNase III And Compositions And Uses Thereof
; FILE REFERENCE: 18155030
; CURRENT APPLICATION NUMBER: US/10/079,185
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 09/479,783
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: 08/870,608
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 08/659,440
; PRIOR FILING DATE: 1996-06-06
; PRIOR APPLICATION NUMBER: 09/900,425
; PRIOR FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-079-185-14
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```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      6992 TGAGGTGGGAAAGGAG 7008
Db       20 TGAGGTGGGAAAGAGAG 4
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RESULT 1523
US-10-209-609-16/c
; Sequence 16, Application US/10209609
; Publication No. US20030099978A1
; GENERAL INFORMATION:
; APPLICANT: TSUI, Shoji
; TITLE OF INVENTION: APPLICATION OF APPRAXIN GENE TO DIAGNOSIS AND TREATMENT FOR EARL
; FILE REFERENCE: 220732USO
; CURRENT APPLICATION NUMBER: US/10/209,609
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: JP 2001/279719
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-10-209-609-16
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Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      5105 TCCATTGCTTCATATA 5121
Db       17 TCCATTGCTTCCTATA 1
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RESULT 1524
US-10-148-835-64/c
; Sequence 64, Application US/10148835
; Publication No. US20030207380A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
```

```
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: oligonucleotide primer for PCR
US-10-148-835-64
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4957 CCTGTGCTACAGCAT 4973
Db       17 CCTGTGCTACATCAT 1
```

```
RESULT 1525
US-10-349-143-6348/c
; Sequence 6348, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; CURRENT APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6348
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: primer bind
; FEATURE:
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10887 for SEQ 2414,
US-10-349-143-6348
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1679 TCTGCAATATGACAG 1695
Db       18 TCTGCAATATCCACAG 2
```

```
RESULT 1526
US-10-190-366-39/c
; Sequence 39, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
```

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; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-39

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CCTGCTCAAGTTGG 1199
DB 19 CCCAGCTCAAGTTGG 3

RESULT 1527
US-10-190-366-236
; Sequence 236, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-190-366-236

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1183 CCTGCTCAAGTTGG 1199
DB 2 CCCAGCTCAAGTTGG 18

RESULT 1528
US-10-212-993-14/C
; Sequence 14, Application US/10212993
; Publication No. US2004002385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-14

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 5753 ATTCACTGCTTGCTT 5769
DB 18 ATTCACTGCTTGCTT 2

RESULT 1529
US-10-212-993-86
; Sequence 86, Application US/10212993
; Publication No. US2004002385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-212-993-86

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5753 ATTCACTGCTTGCTT 5769
DB 3 ATTCACTGCTTGCTT 19
```

```

RESULT 1530
US-10-628-841-36/C
; Sequence 36, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wylat
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-36

Query Match
Best Local Similarity 94.1%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7421 GCAGCAGCAGCAGCA 7437
DB 17 GCTGAGCAGCAGCAGCA 1

RESULT 1531
US-10-304-111-35/C
; Sequence 35, Application US/10304111
; Publication No. US20040102403A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: MODULATION OF FIBRILINARIN EXPRESSION
; FILE REFERENCE: HTS-0075
; CURRENT APPLICATION NUMBER: US/10/304,111
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-111-35

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5900 ACCAAGAACTGTCTCC 5916
Db      17  ACCAAGAACTGTCTCC 1

RESULT 1532
US-10-317-277A-49/C
; Sequence 49, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-49

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4908 TTATGAGAAAGCATCA 4924
Db      18  TTCTGAGAAAGCATCA 2

RESULT 1533
US-10-317-277A-125
; Sequence 125, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RTS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-125

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4908 TTATGAGAAAGCATCA 4924
Db      3  TTCTGAGAAAGCATCA 19

RESULT 1534
US-10-317-478-18
; Sequence 18, Application US/10317478
; Publication No. US20040115636A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: MODULATION OF INTERLEUKIN 18 EXPRESSION
; FILE REFERENCE: PTS-0025
; CURRENT APPLICATION NUMBER: US/10/317,478
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-478-18

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5278 AGCAGGTGCAGCCCTCT 5294
Db      2  AGCAGGTGCAGCCGCT 18

RESULT 1535
US-10-318-389-66
; Sequence 66, Application US/10318389
; Publication No. US20040121328A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 8A EXPRESSION
; FILE REFERENCE: PTS-0062
; CURRENT APPLICATION NUMBER: US/10/318,389
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-389-66

Query Match          0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3247 AGCCTTATCAGAAAG 3263
Db      1  AGCCTCAATCAGAAAG 17

RESULT 1536
US-10-774-974-14/C
; Sequence 14, Application US/10774974
; Publication No. US20040126867A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase III And Compositions And Uses Thereof
; FILE REFERENCE: ISIS029/ISPH-0522
; CURRENT APPLICATION NUMBER: US/10/774,974
```

```
/ CURRENT FILING DATE: 2004-02-09
/ PRIOR APPLICATION NUMBER: US/09/900,425B
/ PRIOR FILING DATE: 2001-07-06
/ NUMBER OF SEQ ID NOS: 37
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-774-974-14

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6992 TGAGGTGGGAAAGGAG 7008
DB      20 TGAGGTGGGAAAGAG 4

RESULT 1537
US-10-671-395-938
/ Sequence 938, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Glezer, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 938
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-938

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4470 TTTT TTTT TTTT TTTT TTTT GTC 4486
DB      1 TTTT TTTT TTTT TTTT TTTT GGC 17

RESULT 1538
US-10-728-399-273
/ Sequence 273, Application US/10728399
/ Publication No. US20040132078A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Colce, Jerry
/ TITLE OF INVENTION: ANTISENSE MODULATION OF miconect EXPRESSION
/ FILE REFERENCE: 01455_1
/ CURRENT APPLICATION NUMBER: US/10/728,399
/ CURRENT FILING DATE: 2003-12-05
/ NUMBER OF SEQ ID NOS: 627
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 273
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
```

```
/ OTHER INFORMATION: human miconect antisense
US-10-728-399-273

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT TTTT TTT 4480
DB      1 TTTT TTTT TTTT TTTT TTTT TTT 17

RESULT 1539
US-10-764-328-5/C
/ Sequence 5, Application US/10764328
/ Publication No. US20040166521A1
/ GENERAL INFORMATION:
/ APPLICANT: PxE International, Inc.
/ APPLICANT: University of Hawaii
/ TITLE OF INVENTION: Mutations in a gene encoding an ABC transporter (MRP6) causing
/ FILE REFERENCE: Pseudoxanthoma Elasticum
/ CURRENT APPLICATION NUMBER: US/10/764,328
/ CURRENT FILING DATE: 2004-01-23
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: PCR primer for ABC6
US-10-764-328-5

Query Match      0.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      467 TTGGTGATGCCAAGCCT 483
DB      19 TTGGTGATGCCAAGCCT 3

RESULT 1540
US-10-731-739-575
/ Sequence 575, Application US/10731739
/ Publication No. US20040176582A1
/ GENERAL INFORMATION:
/ APPLICANT: Camilli, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Becker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/10/731,739
/ CURRENT FILING DATE: 2003-12-10
/ PRIOR APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 575
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-731-739-575

Query Match      0.2%; Score 15.4; DB 1; Length 20;
```

Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6960 AGGGGAAGCATGCT 6976  
Db 1 AGGGGAAGCATGTCT 17

RESULT 1541  
US-10-805-919-14/c  
; Sequence 14, Application US/10805919  
; Publication No. US20040175828A1  
; GENERAL INFORMATION:  
; APPLICANT: Wu, Hongjiang  
; APPLICANT: Crooke, Stanley T.  
; TITLE OF INVENTION: Human RNase III and Compositions and Uses Thereof  
; FILE REFERENCE: ISPH-0522  
; CURRENT APPLICATION NUMBER: US/10/805,919  
; CURRENT FILING DATE: 2004-03-22  
; PRIOR APPLICATION NUMBER: US/09/900,425  
; PRIOR FILING DATE: 2001-07-06  
; PRIOR APPLICATION NUMBER: US 09/479,783  
; PRIOR FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 08/870,608  
; PRIOR FILING DATE: 1997-06-06  
; PRIOR APPLICATION NUMBER: US 80/659,440  
; PRIOR FILING DATE: 1996-06-06  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Synthetic  
US-10-805-919-14

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6992 TGAGTGGGAAAGGAG 7008  
Db 20 TGAGTGGGAAAGAGAG 4

RESULT 1542  
US-10-476-021-46/c  
; Sequence 46, Application US/10476021  
; Publication No. US20040186069A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0216  
; CURRENT APPLICATION NUMBER: US/10/476,021  
; CURRENT FILING DATE: 2003-10-24  
; PRIOR APPLICATION NUMBER: US/09/844,634  
; PRIOR FILING DATE: 2001-04-27  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-476-021-46

Query Match 0.2%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5032 GCAGCTCACTGAGAGC 5048

Db 19 GCAGCTCCTCGAGAGC 3

RESULT 1543  
US-10-380-195A-2  
; Sequence 2, Application US/10380195A  
; Publication No. US20040072776A1  
; GENERAL INFORMATION:  
; APPLICANT: Gleave, Martin  
; APPLICANT: Kiyama, Satoshi  
; APPLICANT: Nelson, Colleen  
; APPLICANT: Rennie, Paul  
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2  
; FILE REFERENCE: UBC-P-023  
; CURRENT APPLICATION NUMBER: US/10/380,195A  
; CURRENT FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: PCT/US01/28748  
; PRIOR FILING DATE: 2001-09-13  
; PRIOR APPLICATION NUMBER: US 60/232,641  
; PRIOR FILING DATE: 2000-09-14  
; NUMBER OF SEQ ID NOS: 63  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: IGFBP2 antisense  
US-10-380-195A-2

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCA 7429  
Db 5 CAGTACGACGACGACGA 21

RESULT 1544  
US-10-380-195A-46  
; Sequence 46, Application US/10380195A  
; Publication No. US20040072776A1  
; GENERAL INFORMATION:  
; APPLICANT: Gleave, Martin  
; APPLICANT: Kiyama, Satoshi  
; APPLICANT: Nelson, Colleen  
; APPLICANT: Rennie, Paul  
; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy  
; FILE REFERENCE: UBC-P-023  
; CURRENT APPLICATION NUMBER: US/10/380,195A  
; CURRENT FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: PCT/US01/28748  
; PRIOR FILING DATE: 2001-09-13  
; PRIOR APPLICATION NUMBER: US 60/232,641  
; PRIOR FILING DATE: 2000-09-14  
; NUMBER OF SEQ ID NOS: 63  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 46  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: IGFBP2 antisense  
US-10-380-195A-46

Query Match 0.2%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

OY      7413 CAGCAGCAGCAGCA 7429
       ||| ||||| ||||| |||||
Db      5 CAGTACGACGACGACA 21

RESULT 1545
US-10-335-977-9909/C
; Sequence 9909, Application US/10335977
; Publication No. US20040052799A1
; GENERAL INFORMATION:
; APPLICANT: DOUGLAS SMITH et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
; RELATING TO HELICOBLACTER PYLORI FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 10031
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: UNIX
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/335,977
; FILING DATE: 30-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/993,002
; FILING DATE: 17-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragoras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: GTN-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 9909:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Helicobacter pylori
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...21
; SEQUENCE DESCRIPTION: SEQ ID NO: 9909:
US-10-335-977-9909

Query Match          0.2% Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0

OY      5250 TCACCAGCATTTGCCAA 5266
       ||| ||||| ||||| |||||
Db      19 TCACCAGCATTTCCAAA 3

RESULT 1546
US-09-775-479-14
; Sequence 14, Application US/09775479
; Publication No. US20040067197A1
; GENERAL INFORMATION:
; APPLICANT: LECIERC, Guy
; APPLICANT: MARTEL, R.mi
```

```

; TITLE OF INVENTION: RADIO LABELED DNA CARRIER, METHOD OF PREPARATION AND
; TITLE OF INVENTION: RADIO LABELED DNA CARRIER, METHOD OF PREPARATION AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREOF
; FILE REFERENCE: 12168-1US-2
; CURRENT APPLICATION NUMBER: US/09/775,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/318,106
; PRIOR FILING DATE: 1999-05-24
; PRIOR APPLICATION NUMBER: 08/756,728
; PRIOR FILING DATE: 1996-11-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-14

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      4462 ACTTTTCTTTTCTTTT 4478
      |||||||
Db      2 AATTTTCTTTTCTTTT 18

RESULT 1547
US-10-435-044A-23/c
; Sequence 23, Application US/10435044A
; Publication No. US20030228615A1
; GENERAL INFORMATION:
; APPLICANT: Rosell, John J
; APPLICANT: Rosell, Michaela
; APPLICANT: Riggs, Arthur D
; TITLE OF INVENTION: Method For Identifying Accessible Binding Sites on RNA
; FILE REFERENCE: 1954-28511
; CURRENT APPLICATION NUMBER: US/10/435,044A
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 09/536,393
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: US 60/127,529
; PRIOR FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Murine
US-10-435-044A-23

Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      6464 CTTTCTTCTGTTG 6480
      |||||||
Db      18 CTTTCTTCTGTTG 2

RESULT 1548
US-10-435-044A-29/c
; Sequence 29, Application US/10435044A
; Publication No. US20030228615A1
; GENERAL INFORMATION:
; APPLICANT: Rosell, John J
; APPLICANT: Rosell, Michaela
; APPLICANT: Riggs, Arthur D
; TITLE OF INVENTION: Method For Identifying Accessible Binding Sites on RNA
; FILE REFERENCE: 1954-28511
; CURRENT APPLICATION NUMBER: US/10/435,044A

```

```
; CURRENT FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 09/536,393
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: US 60/127,529
; PRIOR FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 21
; TYPE: DNA
; ORGANISM: murine
US-10-435-044A-29
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6464 CTTTCTTTCTCTGTTG 6480
Db      18 CTTTCTTTCTCTGTTG 2
```

```
RESULT 1549
US-10-349-143-9992/c
; Sequence 9992, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
```

```
; PRIOR APPLICATION NUMBER: US/09/422,978
```

```
; PRIOR FILING DATE: 1999-10-20
```

```
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
```

```
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
```

```
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
```

```
; NUMBER OF SEQ ID NOS: 11796
```

```
; SEQ ID NO 9992
```

```
; LENGTH: 21
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo Sapiens
```

```
; FEATURE:
```

```
; NAME/KEY: primer_bind
```

```
; LOCATION: 1..21
```

```
; OTHER INFORMATION: downstream amplification primer 99-8662 for SEQ 2127, in compleme
```

```
US-10-349-143-9992
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7005 GGAGATTTCTCTTTA 7021
Db      21 GGAGATTTCTCTTTA 5
```

```
RESULT 1550
US-10-349-143-11139/c
; Sequence 11139, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
```

```
; APPLICANT: Blumenfeld, Marta
```

```
; APPLICANT: Chumakov, Ilya
```

```
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
; FILE REFERENCE: GENSET.020CPI
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
```

```
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11139
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6183 GAGTGATGAGAGAGAA 6199
Db      21 GAGTGATGAGTAAAGAA 5
```

```
RESULT 1551
US-09-729-043A-5
; Sequence 5, Application US/09729043A
; Patent No. US20020132348A1
; GENERAL INFORMATION:
```

```
; APPLICANT: BRADSHAW, M. SUZANNE
; APPLICANT: BOLLEKENS, JACQUES A
; APPLICANT: RUDDLE, FRANK H
; TITLE OF INVENTION: A NEW YEAST-BACTERIA SHUTTLE VECTOR
```

```
; FILE REFERENCE: 4167-4000
; CURRENT APPLICATION NUMBER: US/09/729,043A
; CURRENT FILING DATE: 2002-05-03
```

```
; PRIOR APPLICATION NUMBER: US 09/095,372
```

```
; PRIOR FILING DATE: 1998-06-10
```

```
; PRIOR APPLICATION NUMBER: US 08/761,704
```

```
; PRIOR FILING DATE: 1996-12-06
```

```
; PRIOR APPLICATION NUMBER: US 60/008,250
```

```
; PRIOR FILING DATE: 1995-12-06
```

```
; NUMBER OF SEQ ID NOS: 13
```

```
; SOFTWARE: PatentIn version 3.1
```

```
; SEQ ID NO 5
```

```
; LENGTH: 22
```

```
; TYPE: DNA
```

```
; ORGANISM: ARTIFICIAL SEQUENCE
```

```
; FEATURE:
```

```
; OTHER INFORMATION: OLIGONUCLEOTIDE
```

```
US-09-729-043A-5
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3113 CTCATGCTTGACAGCTT 3129
Db      2 CTCATGTTGACAGCTT 18
```

```
RESULT 1552
US-09-727-030C-11/c
; Sequence 11, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Gillies, Patrick N.
```

```
; APPLICANT: Dillon, Patrick J.
```

```

; APPLICANT: Wu, David J.
; APPLICANT: Foster, Charles B.
; APPLICANT: Chanock, Stephen J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
; FILE REFERENCE: 259/163-US
; CURRENT APPLICATION NUMBER: US/09/727,030C
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/126,865
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MBP probe
US-09-727-030C-11

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```
QY      3931 CTTTCTCCCTTGATG 3947
DB      22 CTTTCTCCCTTGATG 6

```

```

RESULT 1553
US-10-060-301-37
; Sequence 37, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195P
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-060-301-37

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```
QY      882 TAAGCAGCAGCCAGTGA 898
DB      5 TAAGCAGCAGCCAGTGA 21

```

```

RESULT 1554
US-10-060-301-39
; Sequence 39, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195P
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01

```

```

; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39.1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-060-301-39

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```
QY      882 TAAGCAGCAGCCAGTGA 898
DB      5 TAAGCAGCAGCCAGTGA 21

```

```

RESULT 1555
US-10-032-585-5006/C
; Sequence 5006, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jitang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5006
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5006

```

```

Query Match          0.2%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```
QY      1965 TTTTCACAGCCAGTGA 1981
DB      18 TTATCAGCAGCCAGTGA 2

```

```

RESULT 1556
US-10-369-214-81/C
; Sequence 81, Application US/10369214
; Publication No. US20030232037A1
; GENERAL INFORMATION:
; APPLICANT: Groot, Pieter C.
; APPLICANT: Bergenhegouwen van, Bram J.
; APPLICANT: Oosterhout van, Antoon J.M.
; TITLE OF INVENTION: Genes involved in immune related responses observed
; FILE REFERENCE: P53837US00
; CURRENT APPLICATION NUMBER: US/10/369,214
; CURRENT FILING DATE: 2003-02-15
; PRIOR APPLICATION NUMBER: EP 00202867.8
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: PCT/NL01/00610
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: sense primer  
OTHER INFORMATION: SVO2-1-F1  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (1)..(22)  
US-10-369-214-81

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 22;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2388 AACCTCAGTCTCCCCAC 3004  
Db 18 ACCCTCATGTCCCCAC 2

RESULT 1557  
US-09-870-956-41  
Sequence 41, Application US/09870956  
Patent No. US20020127669A1  
GENERAL INFORMATION:  
APPLICANT: Knipp, Gregory T.  
APPLICANT: Herrera-Ruiz, Dea  
TITLE OF INVENTION: No. US20020127669A1e1 Compositions for the Expression of the Hum  
TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use Thereof  
FILE REFERENCE: Rutgers 00-0126  
CURRENT FILING DATE: US/09/870, 956  
PRIOR FILING DATE: 2001-05-31  
PRIOR APPLICATION NUMBER: 60/208,061  
NUMBER OF SEQ ID NOS: 56  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 41  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-870-956-41

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 23;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5012 ATGAGGCGCTCTGGGAG 5028  
Db 1 ATGAGGCGCTCTGGGAG 17

RESULT 1558  
US-09-851-873-20/c  
Sequence 20, Application US/09851873  
Publication No. US20030165488A1  
GENERAL INFORMATION:  
APPLICANT: Klerzien, Rolf F  
APPLICANT: Reardon, Irene M  
APPLICANT: Welland, Katherine L  
TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS  
FILE REFERENCE: 28341/0023  
CURRENT FILING DATE: US/09/851,873  
PRIOR FILING DATE: 2001-05-08  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 20  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-851-873-20

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 23;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1975 CCAGTATATTCCTGGG 1991  
Db 18 CCAGATATTTCTGGG 2

RESULT 1559  
US-10-379-741-28/c  
Sequence 28, Application US/10379741  
Publication No. US20040071702A1  
GENERAL INFORMATION:  
APPLICANT: van de Winkel, Jan G.J.  
APPLICANT: van Dijk, Marcus Antonius  
APPLICANT: Schuurman, Janine  
APPLICANT: Gerritsen, Arnout F.  
APPLICANT: Baadsgaard, Ole  
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)  
FILE REFERENCE: GMI-024CP2  
CURRENT FILING DATE: US/10/379,741  
PRIOR FILING DATE: 2003-03-05  
PRIOR APPLICATION NUMBER: US 60/314,731  
PRIOR FILING DATE: 2001-08-23  
PRIOR APPLICATION NUMBER: US 10/226615  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 28  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-379-741-28

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 23;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2831 AGCCCGAGAGCTGTGC 2847  
Db 21 AGCCCGAGAGCTGAGC 5

RESULT 1560  
US-10-374-932-28/c  
Sequence 28, Application US/10374932  
Publication No. US2003023586A1  
GENERAL INFORMATION:  
APPLICANT: van de Winkel, Jan G.J.  
APPLICANT: Schuurman, Janine  
APPLICANT: Gerritsen, Arnout F.  
APPLICANT: Baadsgaard, Ole  
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)  
FILE REFERENCE: GMI-024CP  
CURRENT FILING DATE: US/10/374,932  
PRIOR FILING DATE: 2003-02-26  
PRIOR APPLICATION NUMBER: US 60/314,731  
PRIOR FILING DATE: 2001-08-23  
PRIOR APPLICATION NUMBER: US 10/226615  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 28  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-374-932-28

Query Match  
Best Local Similarity 94.1%; Score 15.4; DB 1; Length 23;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCCAGAGCTGTC 2847  
Db 21 AGCCCCAGAGCTGAGC 5

RESULT 1561  
US-10-665-951-2008  
Sequence 2008, Application US/10665951  
Publication No. US20040138163A1  
GENERAL INFORMATION:  
APPLICANT: Sirta Therapeutics, Inc.  
APPLICANT: McSwigen, James  
APPLICANT: Beigelman, Leonid  
APPLICANT: Paveo, Pamela  
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: 400/131 (NMB02-742-F)  
CURRENT APPLICATION NUMBER: US/10/665,951  
CURRENT FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: US 10/664,668  
PRIOR FILING DATE: 2003-09-18  
PRIOR APPLICATION NUMBER: PCT/US 03/05022  
PRIOR FILING DATE: 2003-02-20  
PRIOR APPLICATION NUMBER: US 60/399,348  
PRIOR FILING DATE: 2002-07-29  
PRIOR APPLICATION NUMBER: US 60/393,796  
PRIOR FILING DATE: 2002-07-03  
PRIOR APPLICATION NUMBER: US 10/287,949  
PRIOR FILING DATE: 2002-11-04  
PRIOR APPLICATION NUMBER: US 10/306,747  
PRIOR FILING DATE: 2002-11-27  
PRIOR APPLICATION NUMBER: PCT/US 02/17674  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 60/386,782  
PRIOR FILING DATE: 2002-06-06  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 2455  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 2008  
LENGTH: 23  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sinh sense  
US-10-665-951-2008

Query Match 0.2%; Score 15.4; DB 1; Length 23;  
Best Local Similarity 82.4%; Pred. No. 1.3e+03;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2666 AGGAGCAGCAGCTGCA 2682  
Db 7 AGGAGCAGCAUGAAGUGCA 23

RESULT 1562  
US-10-687-799-50/c  
Sequence 50, Application US/10687799  
Publication No. US20040167319A1  
GENERAL INFORMATION:  
APPLICANT: Teeling, Jessica  
APPLICANT: Ruuls, Sigrid  
APPLICANT: Glennie, Martin  
APPLICANT: van de Winkel, Jan  
APPLICANT: Pairen, Paul  
APPLICANT: Petersen, Jorgen  
APPLICANT: Baadsgaard, Ole

APPLICANT: Huang, Haichun  
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD20  
FILE REFERENCE: GMI-055  
CURRENT APPLICATION NUMBER: US/10/687,799  
CURRENT FILING DATE: 2003-10-17  
PRIOR APPLICATION NUMBER: US 60/419,163  
PRIOR FILING DATE: 2002-10-17  
PRIOR APPLICATION NUMBER: US 60/460,028  
PRIOR FILING DATE: 2002-04-02  
NUMBER OF SEQ ID NOS: 57  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 50  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-687-799-50

Query Match 0.2%; Score 15.4; DB 1; Length 23;  
Best Local Similarity 94.1%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2831 AGCCCCAGAGCTGTC 2847  
Db 21 AGCCCCAGAGCTGAGC 5

RESULT 1563  
US-09-853-646-4  
Sequence 4, Application US/09853646  
Patent No. US20020055106A1  
GENERAL INFORMATION:  
APPLICANT: Nicolaides, Nicholas  
APPLICANT: Saez, Philip  
APPLICANT: Graess, Luigi  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE  
TITLE OF INVENTION: ORGANISMS  
FILE REFERENCE: 01107.00138  
CURRENT APPLICATION NUMBER: US/09/853,646  
CURRENT FILING DATE: 2001-05-14  
PRIOR APPLICATION NUMBER: 60/204,769  
PRIOR FILING DATE: 2000-05-17  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 25  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Recombinant DNA  
US-09-853-646-4

Query Match 0.2%; Score 15.4; DB 1; Length 25;  
Best Local Similarity 76.0%; Pred. No. 1.4e+03;  
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4015 ATGAGAAAAAGAGGAAACAAA 4039  
Db 1 ATGGCAAAAAAAAAAAAAAAAAA 25

RESULT 1564  
US-09-853-646-3  
Sequence 3, Application US/09853646  
Patent No. US20020055106A1  
GENERAL INFORMATION:  
APPLICANT: Nicolaides, Nicholas  
APPLICANT: Saez, Philip  
APPLICANT: Graess, Luigi  
APPLICANT: Kinzler, Kenneth

```
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646-3
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 26;
Best Local Similarity 76.0%; Pred. No. 1.5e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4015 ATGAGAAAAAGAGAGAAACAAA 4039
Db      1  ATGCGAAAAAAGAAAAAAGAAAAA 25
```

```
RESULT 1565
US-10-102-720-18/c
; Sequence 18, Application US/10102720
; Publication No. US20030152937A1
; GENERAL INFORMATION:
; APPLICANT: Brand, Joseph
; APPLICANT: Weinidel, Kurt
; TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
; FILE REFERENCE: 101614-00014
; CURRENT APPLICATION NUMBER: US/10/102,720
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 09/325,554
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent-In version 3.1
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; NAME/KEY: misc_signal
; LOCATION: (27)..(27)
; OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
; OTHER INFORMATION: esterified with 3-O-carboxymethyl digoxigenin
US-10-102-720-18
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 27;
Best Local Similarity 70.4%; Pred. No. 1.5e+03;
Matches 19; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
```

```
QY      4013 AAATGAGAAAAAGAGAGAAACAAA 4039
Db      27  ARAAAAAAAGAAAAAAGAAAAA 1
```

```
RESULT 1566
US-09-891-517-8/c
; Sequence 8, Application US/09891517
; Patent No. US2002010653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
```

```
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29  AAAAAAAGACAAAAAAGAAATAT 5
```

```
RESULT 1567
US-10-683-386-8/c
; Sequence 8, Application US/10683386
; Publication No. US20040065137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      4018 AGAAAAAGAGAGAAACAAATGT 4042
Db      29  AAAAAAAGACAAAAAAGAAATAT 5
```

```
RESULT 1568
US-10-209-608-8/c
; Sequence 8, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 30;
Best Local Similarity 76.0%; Pred. No. 1.7e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
Qy      4018 AGAAAAAGAGGAAACAAATGT 4042
Db      29 AAAAAAAAAACAAAAAAATAT 5
```

```
RESULT 1569
US-09-801-274-1211
; Sequence 1211, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825,2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1211
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-1211
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 31;
Best Local Similarity 70.4%; Pred. No. 1.7e+03;
Matches 19; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
```

```
Qy      31 AGCTGCTGAGGCTCGGCGCGCGCGC 57
      |||||||:|:|:|:|:|:|:|:|:|
```

```
Db      5 AGTGTGCTGSCGCTGCTGCTGTC 31
RESULT 1570
US-10-208-357-14
; Sequence 14, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 32
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-10-208-357-14
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 32;
Best Local Similarity 72.0%; Pred. No. 1.8e+03;
Matches 18; Conservative 1; Mismatches 6; Indels 0; Gaps 0;
```

```
Qy      4015 ATGAGAAAAAGAGGAAACAAA 4039
Db      7 AUGCAAAAAAAAAAAAAAAAAAAAA 31
```

```
RESULT 1571
US-10-035-833A-2291/c
; Sequence 2291, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2291
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2291
```

```
Query Match          0.2%; Score 15.4; DB 1; Length 41;
Best Local Similarity 62.9%; Pred. No. 1.9e+03;
Matches 22; Conservative 1; Mismatches 12; Indels 0; Gaps 0;
```

```
Qy      3264 GACTAGATTGTTTAGAGGAAAAATGAAACGAGA 3298
Db      35 GACTCATCTCTTAMAAAAAATGAAAAAATGAAAAA 1
```

```
RESULT 1572
US-10-035-833A-3697/c
; Sequence 3697, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3697
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-3697

Query Match          0.2%; Score 15.4; DB 1; Length 41;
Best Local Similarity 62.9%; Pred. No. 1.9e+03;
Matches 22; Conservative 1; Mismatches 12; Indels 0; Gaps 0;

QY      3264 GACTAGATTGTTTAAAGAGAAAATGAAACGAGA 3298
Db      35 GACTCCATCTCTTAMAAAAAATGAAAAA 1

RESULT 1573
US-10-380-596A-5
; Sequence 5, Application US/10380596A
; Publication No. US20040053275A1
; GENERAL INFORMATION:
; APPLICANT: Shafer, David A.
; TITLE OF INVENTION: Systems and Methods to Quantify and Amplify
; TITLE OF INVENTION: Both Signaling and Probes for cDNA Chips and
; TITLE OF INVENTION: Gene Expression Microarrays
; FILE REFERENCE: D6430
; CURRENT APPLICATION NUMBER: US/10/380,596A
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCP/US01/07508
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: random_base
; LOCATION: 16..17
; OTHER INFORMATION: Modified poly-T primer; v=a, c, or g at position 16;
; OTHER INFORMATION: n=a, c, g, or t at position 17
US-10-380-596A-5

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.4e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTTGTGTTTGTG 4484
Db      1 TTTTGTGTTTGTG 16

RESULT 1574
US-10-015-593-2
; Sequence 2, Application US/10015593
; Publication No. US20020090636A1
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Renner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; TITLE OF INVENTION: detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; SOFTWARE: FastSeq for Windows Version 4.0
; PRIOR APPLICATION NUMBER: 09/390,324
```

```
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1) ..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "v=A,C,G; N=A,C,G,T"
US-10-015-593-2

Query Match          0.2%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 9.4e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4469 TTTTGTGTTTGTG 4484
Db      1 TTTTGTGTTTGTG 16

RESULT 1575
US-10-275-080A-7/c
; Sequence 7, Application US/10275080A
; Publication No. US20040053214A1
; GENERAL INFORMATION:
; APPLICANT: Schroder, Klaus Hobe
; APPLICANT: Schubler, Andrea
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: EP 00 109 436.6
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-275-080A-7

Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6972 GAGCTAAACAAACAGAA 6991
Db      20 GAGCTAAACAAACAGAA 1

RESULT 1576
US-09-823-634A-18/c
; Sequence 18, Application US/09823634A
; Patent No. US20020142308A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Datagup, Nandhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligo AGT02025
US-09-823-634A-18

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1577
US-09-823-647B-18/c
/ Sequence 18, Application US/09823647B
/ Patent No. US20020142309A1
/ GENERAL INFORMATION:
/ APPLICANT: Applied Gene Technologies, Inc.
/ APPLICANT: Dategupta, Manibhushan
/ TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: 47541-20004.20
/ CURRENT APPLICATION NUMBER: US/09/823,647B
/ CURRENT FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: US 09/616,761
/ PRIOR FILING DATE: 2000-07-14
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligo AGT02025
US-09-823-647B-18

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1578
US-09-263-959-894/c
/ Sequence 894, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Romen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
```

```
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McMaesters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 894:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-894

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTATATTTTCTTCT 4483
DB 20 TTTTCTTTTATATTTTCTTCT 1

RESULT 1579
US-09-874-162A-22
/ Sequence 22, Application US/09874162A
/ Patent No. US20020155452A1
/ GENERAL INFORMATION:
/ APPLICANT: Koontz, Jason
/ APPLICANT: Sklar, Jeffrey
/ TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
/ TITLE OF INVENTION: ENDOMETRIAL STROMAL TUMORS
/ FILE REFERENCE: 05311-024001
/ CURRENT APPLICATION NUMBER: US/09/874,162A
/ CURRENT FILING DATE: 2001-06-04
/ PRIOR APPLICATION NUMBER: US 60/209,093
/ PRIOR FILING DATE: 2000-06-02
/ NUMBER OF SEQ ID NOS: 23
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: primer for PCR
US-09-874-162A-22

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3000 CCCACCCCTCACCCCATCTT 3019
DB 1 CCCACCCATCACCCCTCCT 20

RESULT 1580
US-09-964-261-186/c
/ Sequence 186, Application US/09964261
/ Publication No. US20020197613A1
/ GENERAL INFORMATION:
/ APPLICANT: De Canck, Ilse
/ APPLICANT: Rombout, Annelies
/ APPLICANT: Roseau, Rudi
/ TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
/ FILE REFERENCE: IGD-002
/ CURRENT APPLICATION NUMBER: US/09/964,261
/ CURRENT FILING DATE: 2001-09-25
/ PRIOR APPLICATION NUMBER: EP 99670068.6
/ PRIOR FILING DATE: 1999-04-09
```

PRIOR APPLICATION NUMBER: US 60/138,614  
PRIOR FILING DATE: 1999-06-11  
NUMBER OF SEQ ID NOS: 446  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 186  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-964-261-186

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5151 GGGAGGGAGTCTCTCGGG 5170  
Db 20 GGGAGAGGAMTCTCTCGG 1

RESULT 1581  
US-09-771-933-148  
Sequence 148, Application US/09771933  
Publication No. US20030023387A1  
GENERAL INFORMATION:  
APPLICANT: Gill-Garrison, Rosalynn D  
APPLICANT: Martin, Christopher J  
APPLICANT: Sanchez-Felix, Manuel V  
TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk  
FILE REFERENCE: 620-130  
CURRENT APPLICATION NUMBER: US/09/771,933  
CURRENT FILING DATE: 2001-01-30  
NUMBER OF SEQ ID NOS: 205  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 148  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-771-933-148

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2655 CCTGCTGACAGAGACATG 2674  
Db 1 CCTGCTGACATGATGATG 20

RESULT 1582  
US-09-888-326-737  
Sequence 737, Application US/09888326  
Publication No. US20030026801A1  
GENERAL INFORMATION:  
APPLICANT: Weiner, George  
APPLICANT: Hartmann, Gunther  
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced  
FILE REFERENCE: C1039/7052 (AMS)  
CURRENT APPLICATION NUMBER: US/09/888,326  
CURRENT FILING DATE: 2001-06-22  
PRIOR APPLICATION NUMBER: US 60/213,346  
PRIOR FILING DATE: 2000-06-22  
NUMBER OF SEQ ID NOS: 848  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 737  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide

NAME/KEY: misc feature  
LOCATION: (0)...(0)  
OTHER INFORMATION: phosphorothioate backbone  
US-09-888-326-737

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4459 TGGACTTTTTTTTTTTTT 4478  
Db 1 TCGCGTTTTTTTTTTTTT 20

RESULT 1583  
US-09-950-840-21/C  
Sequence 21, Application US/09950840  
Publication No. US20030027155A1  
GENERAL INFORMATION:  
APPLICANT: DEJEAN, ANNE  
APPLICANT: MARCHEO, AGNES  
APPLICANT: PINEAU, PASCAL  
TITLE OF INVENTION: HOMOZYGOUS DELETION OF CHROMOSOME 8p23 IN  
FILE REFERENCE: 3495,0210  
CURRENT APPLICATION NUMBER: US/09/950,840  
CURRENT FILING DATE: 2001-09-13  
PRIOR APPLICATION NUMBER: 60/234,308  
PRIOR FILING DATE: 2000-09-21  
NUMBER OF SEQ ID NOS: 39  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-950-840-21

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5333 TTGGCTCACTCTCTCCAGT 5352  
Db 20 TTTCCTTACTCTCTCCAT 1

RESULT 1584  
US-09-779-152-61/C  
Sequence 61, Application US/09779152  
Publication No. US20030044782A1  
GENERAL INFORMATION:  
APPLICANT: Acton, Susan L.  
APPLICANT: Ordovas, Jose M.  
APPLICANT: McCarthy, Jeanette J.  
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND  
FILE REFERENCE: NMT-172CP2  
CURRENT APPLICATION NUMBER: US/09/779,152  
CURRENT FILING DATE: 2001-02-08  
PRIOR APPLICATION NUMBER: 08/890,979  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 121  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 61  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Human  
US-09-779-152-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3391 CAGTCGCCACCCACCTT 3410  
Db 20 CAGATGCCACCAACCTT 1

## RESULT 1585

US-09-784-674-732

; Sequence 732, Application US/09784674

; Publication No. US20030054346A1

; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.

; Delenstarr, Glenda C.

; Webb, Peter G.

; Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

; STREET: 3000 Hanover Street

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Releasee #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/784,674

; FILING DATE: 15-Feb-2001

; CLASSIFICATION: No. US20030054346A1 available

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/021,701

; FILING DATE: 10-FEB-1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Choi, Wendy A.

; REGISTRATION NUMBER: 36,697

; REFERENCE/DOCKET NUMBER: 10971464-1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-852-8063

; TELEFAX: 650-236-2386

; INFORMATION FOR SEQ ID NO: 732:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; SEQUENCE DESCRIPTION: SEQ ID NO: 732:

US-09-784-674-732

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5699 TTTCCTTCCTTTCTCTT 5718  
Db 1 TTTCCTTCCTTTTCATTT 20

RESULT 1586  
US-09-784-674-733  
; Sequence 733, Application US/09784674  
; Publication No. US20030054346A1  
; GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.  
; Delenstarr, Glenda C.  
; Webb, Peter G.  
; Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

; STREET: 3000 Hanover Street

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Releasee #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/784,674

; FILING DATE: 15-Feb-2001

; CLASSIFICATION: No. US20030054346A1 available

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/021,701

; FILING DATE: 10-FEB-1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Choi, Wendy A.

; REGISTRATION NUMBER: 36,697

; REFERENCE/DOCKET NUMBER: 10971464-1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-852-8063

; TELEFAX: 650-236-2386

; INFORMATION FOR SEQ ID NO: 733:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; SEQUENCE DESCRIPTION: SEQ ID NO: 733:

US-09-784-674-733

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5700 TTTCCTTCCTTTCTCTT 5719  
Db 1 TTTCCTTCCTTTTCATTT 20

RESULT 1587

US-09-784-674-734

; Sequence 734, Application US/09784674

; Publication No. US20030054346A1

; GENERAL INFORMATION:

; APPLICANT: Shannon, Karen W.

; Delenstarr, Glenda C.

; Webb, Peter G.

; Kincaid, Robert H.

; TITLE OF INVENTION: Methods for evaluating oligonucleotide

; probe sequences

; NUMBER OF SEQUENCES: 1165

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard

; STREET: 3000 Hanover Street

CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 734:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 734:  
US-09-784-674-734  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 5701 TGCCTTCCTTCCCTCTCT 5720  
DB 1 TCCTTCCTTTCCTCTCT 20  
RESULT 1588  
US-09-784-674-736  
Sequence 736, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Wolber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001

CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 736:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 736:  
US-09-784-674-736  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 5703 CCTTCCTTCCCTCTCTCT 5722  
DB 1 CCTTCCTTTCCTCTCT 20  
RESULT 1589  
US-09-906-158-85/C  
Sequence 85, Application US/09906158  
Publication No. US20030078217A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION  
FILE REFERENCE: PRT-0257  
CURRENT APPLICATION NUMBER: US/09/906,158  
CURRENT FILING DATE: 2001-07-14  
NUMBER OF SEQ ID NOS: 168  
SEQ ID NO 85  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-906-158-85  
Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
OY 1985 TCCTGGAGCAGATGTACA 2004  
DB 20 TCCTGGAGCAGGTGTACA 1  
RESULT 1590  
US-09-776-479-431  
Sequence 431, Application US/09776479  
Publication No. US20030087848A1  
GENERAL INFORMATION:  
APPLICANT: Bratzler, Robert L.  
APPLICANT: Petersen, Deanna M.  
APPLICANT: Fouton, Yves  
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
Treatment of Asthma and Allergy  
FILE REFERENCE: C1037/7013 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/776,479



```
RESULT 1595
US-10-215-448-40/c
; Sequence 40, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-40
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1563 CATGCCTGCTTCGCACCC 1582
DB      20 CATGCCCTGCTGGCACCC 1
```

```
RESULT 1596
US-10-380-126-38/c
; Sequence 38, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTS-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-38
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      7415 GCAGCAGCAGCAGCAGC 7434
DB      20 GCCGCAGCAGCAGCTCCAGC 1
```

```
RESULT 1597
US-10-398-308-61/c
; Sequence 61, Application US/10398308
; Publication No. US20040029825A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Christopher J.
; APPLICANT: Schlafer, Donald H.
; APPLICANT: Hill, Jonathan R.
; TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
; FILE REFERENCE: 19603/3373
; CURRENT APPLICATION NUMBER: US/10/398,308
```

```
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/237,673
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: PCT/US01/30925
; PRIOR FILING DATE: 2001-10-03
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: BOLA Class I,
US-10-398-308-61
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2747 AGGTTACAGAGTACTCTG 2766
DB      20 AGGTTACTCGAATACTCTG 1
```

```
RESULT 1598
US-10-380-124-85/c
; Sequence 85, Application US/10380124
; Publication No. US2004003874A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-85
```

```
Query Match          0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4493 CATGGGTTGGCTGCTTG 4512
DB      20 CATGGGTTGGCCATGTTG 1
```

```
RESULT 1599
US-10-683-386-40/c
; Sequence 40, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGAWA, YOICHI
; APPLICANT: YAMADA, KAZUYUKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
```

PRIOR APPLICATION NUMBER: US/09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 40  
LENGTH: 20  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-10-683-386-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTATTTTATATATAT 6699  
Db 20 CTTTATATATATATAT 1

RESULT 1600  
US-10-683-386-41/c  
Sequence 41, Application US/10683386  
Publication No. US20040063137A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOCAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
TITLE OF INVENTION: THE METHOD  
FILE REFERENCE: 0165-0758-0X  
CURRENT APPLICATION NUMBER: US/10/683,386  
CURRENT FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US/09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 41  
LENGTH: 20  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-10-683-386-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6680 CGTATTTTATATATAT 6699  
Db 20 CTTTATATATATATAT 1

RESULT 1601  
US-10-181-543-50  
Sequence 50, Application US/10181543  
Publication No. US20030211608A1  
GENERAL INFORMATION:  
APPLICANT: Iside Pharmaceuticals, Inc.  
APPLICANT: Iside Phamaceuticals, Inc.  
APPLICANT: Robert McKay  
APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wycat  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRESSIO  
FILE REFERENCE: R1SP-0339  
CURRENT APPLICATION NUMBER: US/10/181,543  
CURRENT FILING DATE: 2002-07-18  
PRIOR APPLICATION NUMBER: 09/489,765  
PRIOR FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 85  
SEQ ID NO 50  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-543-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3133 AAGTCACTCTGTAGCCCT 3152  
Db 1 AAGATCAACTCTGTGCTCT 20

RESULT 1602  
US-10-282-174-66  
Sequence 66, Application US/10282174  
Publication No. US20030224380A1  
GENERAL INFORMATION:  
APPLICANT: Becker, Kenneth David  
APPLICANT: Velicelebi, Gonul  
APPLICANT: Elliot, Kathryn J.  
APPLICANT: Wang, Xin  
APPLICANT: Tanzi, Rudolph E.  
APPLICANT: Bertram, Lars  
APPLICANT: Saunders, Aleister J.  
APPLICANT: Mullin, Kristina M.  
APPLICANT: Sampson, Andrew Johnson  
APPLICANT: Blacker, Deborah Lynne  
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10  
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER  
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES  
FILE REFERENCE: 37481-3308  
CURRENT APPLICATION NUMBER: US/10/282,174  
CURRENT FILING DATE: 2002-10-25  
PRIOR APPLICATION NUMBER: US 60/339,525  
PRIOR FILING DATE: 2001-10-25  
PRIOR APPLICATION NUMBER: US 60/338,010  
PRIOR FILING DATE: 2001-11-08  
PRIOR APPLICATION NUMBER: US 60/336,929  
PRIOR FILING DATE: 2001-11-08  
PRIOR APPLICATION NUMBER: US 60/338,363  
PRIOR FILING DATE: 2001-11-09  
PRIOR APPLICATION NUMBER: US 60/337,052  
PRIOR FILING DATE: 2001-12-04  
PRIOR APPLICATION NUMBER: US 60/368,919  
PRIOR FILING DATE: 2002-03-28  
NUMBER OF SEQ ID NOS: 564  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 66  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-282-174-66

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3627 GGGGCTGGAGAGAGCTAG 3646

Db 1 GGAAGTGCACAGAGGAGTAG 20

RESULT 1603  
US-10-314-578-431  
; Sequence 431, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Kriegel, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Volmer, Jörg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 431  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-431

Query Match  
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 4459 TGAAGCTTTTCTTTTCTTTT 4478  
Db 1 TCGTCGTTTTTTTTTTTTTTT 20

RESULT 1604  
US-10-339-674-795  
; Sequence 795, Application US/10339674  
; Publication No. US20030204318A1  
; GENERAL INFORMATION:  
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.  
; FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333  
; CURRENT APPLICATION NUMBER: US/10/339,674  
; CURRENT FILING DATE: 2003-06-06  
; NUMBER OF SEQ ID NOS: 3537  
; SOFTWARE: Proprietary  
; SEQ ID NO 795  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.  
; FEATURES:  
; LOCATION: (780973)..(780992)  
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1035  
US-10-339-674-795

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 71 GGGCGCGCGCGCGAGCGCGC 90  
Db 1 GGGCGGTGCGCGCGAGCGCGC 20

RESULT 1605  
US-10-339-674-1830

; Sequence 1830, Application US/10339674  
; Publication No. US20030204318A1  
; GENERAL INFORMATION:  
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.  
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.  
; FILE REFERENCE: Jim Zegger Law Offices - 703-684-8333  
; CURRENT APPLICATION NUMBER: US/10/339,674  
; CURRENT FILING DATE: 2003-06-06  
; NUMBER OF SEQ ID NOS: 3537  
; SOFTWARE: Proprietary  
; SEQ ID NO 1830  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.  
; FEATURES:  
; LOCATION: (2519446)..(2519466)  
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 2424  
US-10-339-674-1830

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 71 GGGCGCGCGCGCGAGCGCGC 90  
Db 1 GGGCGGTGCGCGCGAGCGCGC 20

RESULT 1606  
US-10-125-181-19/c  
; Sequence 19, Application US/10125181  
; Publication No. US20020187954A1  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Aiping H.  
; APPLICANT: LEE, Yoon S.  
; TITLE OF INVENTION: INSULIN-LIKE GROWTH FACTOR II ANTISENSE  
; TITLE OF INVENTION: OLIGONUCLEOTIDE  
; TITLE OF INVENTION: SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL  
; TITLE OF INVENTION: GROWTH  
; FILE REFERENCE: 032396-046  
; CURRENT APPLICATION NUMBER: US/10/125,181  
; CURRENT FILING DATE: 2002-04-17  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/295,593  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-22  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,791  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-23  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Human  
US-10-125-181-19

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5778 GCCTGCTGCTGCTGCTGCTT 5797  
Db 20 GCCTGCTGCTGCTGCTGCTT 1

RESULT 1607  
US-10-023-610-61/c  
; Sequence 61, Application US/10023610  
; Publication No. US2003023059A1  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan L.  
; TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR  
; FILE REFERENCE: MIA-005.03  
; CURRENT APPLICATION NUMBER: US/10/023,610

;; CURRENT FILING DATE: 2001-12-17  
;; EARLIER APPLICATION NUMBER: 09/666,106  
;; EARLIER FILING DATE: 2000-10-10  
;; EARLIER APPLICATION NUMBER: 09/032,894  
;; EARLIER FILING DATE: 1998-02-27  
;; EARLIER APPLICATION NUMBER: 08/890,980  
;; EARLIER FILING DATE: 1997-07-10  
;; NUMBER OF SEQ ID NOS: 121  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO: 61  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Human  
US-10-023-610-61

Query Match                    0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity    85.0%; Pred. No. 1.2e+03;  
Matches    17; Conservative    0; Mismatches    3; Indels    0; Gaps    0;

Qy                    3391 CAGCTGCCACCCGCCACCTT 3410  
Db                    20 CAGATGCCACCCACACCTT 1

RESULT 1608  
US-10-112-653-413  
;; Sequence 413, Application US/10112653  
;; Publication No. US20030050268A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Kriegl, Arthur M.  
;; APPLICANT: Berg, Daniel J.  
;; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
;; FILE REFERENCE: C01039/70060 (AWS)  
;; CURRENT APPLICATION NUMBER: US/10/112,653  
;; CURRENT FILING DATE: 2002-03-29  
;; PRIOR APPLICATION NUMBER: US 60/279,642  
;; PRIOR FILING DATE: 2001-03-29  
;; NUMBER OF SEQ ID NOS: 1040  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO: 413  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-413

Query Match                    0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity    85.0%; Pred. No. 1.2e+03;  
Matches    17; Conservative    0; Mismatches    3; Indels    0; Gaps    0;

Qy                    4459 TCGACTTTTCTTTTCTTTT 4478  
Db                    1 TCGTCTTTTCTTTTCTTTT 20

RESULT 1609  
US-10-085-906-213  
;; Sequence 213, Application US/10085906  
;; Publication No. US20030054371A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Yang, Vincent  
;; APPLICANT: Wu, Paul  
;; APPLICANT: Gray, Gary S.  
;; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
;; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
;; FILE REFERENCE: GNN-5343C2  
;; CURRENT APPLICATION NUMBER: US/10/085,906  
;; CURRENT FILING DATE: 2002-02-27  
;; PRIOR APPLICATION NUMBER: US 60/126,215  
;; PRIOR FILING DATE: 1999-03-25  
;; PRIOR APPLICATION NUMBER: US 09/534,061

;; PRIOR FILING DATE: 2000-03-24  
;; PRIOR APPLICATION NUMBER: PCT/US00/07938  
;; PRIOR FILING DATE: 2000-03-24  
;; NUMBER OF SEQ ID NOS: 545  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO: 213  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-10-085-906-213

Query Match                    0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity    85.0%; Pred. No. 1.2e+03;  
Matches    17; Conservative    0; Mismatches    3; Indels    0; Gaps    0;

Qy                    4463 CTTTCTTCTTTCTTTCTTTT 4482  
Db                    1 CTTTCTTCTTTCTTTCTTTT 20

RESULT 1610  
US-10-017-995-431  
;; Sequence 431, Application US/10017995  
;; Publication No. US20030055014A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Bratzler, Robert L.  
;; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
;; FILE REFERENCE: C1037/7025 (HCL/MAT)  
;; CURRENT APPLICATION NUMBER: US/10/017,995  
;; CURRENT FILING DATE: 2001-12-18  
;; PRIOR APPLICATION NUMBER: US 60/255,534  
;; PRIOR FILING DATE: 2000-12-14  
;; NUMBER OF SEQ ID NOS: 1093  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO: 431  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-431

Query Match                    0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity    85.0%; Pred. No. 1.2e+03;  
Matches    17; Conservative    0; Mismatches    3; Indels    0; Gaps    0;

Qy                    4459 TCGACTTTTCTTTTCTTTT 4478  
Db                    1 TCGTCTTTTCTTTTCTTTT 20

RESULT 1611  
US-10-152-040-6  
;; Sequence 6, Application US/10152040  
;; Publication No. US20030077251A1  
;; GENERAL INFORMATION:  
;; APPLICANT: ESCRIOU, NICOLAS  
;; APPLICANT: VAN DER WERF, SYLVIE  
;; APPLICANT: VIGNUZZI, MARCO  
;; APPLICANT: GERBAUD, SYLVIE  
;; TITLE OF INVENTION: REPLICONS DERIVED FROM POSITIVE STRAND RNA VIRUS  
;; TITLE OF INVENTION: GENOMES USEFUL FOR THE PRODUCTION OF HETEROLOGOUS  
;; FILE REFERENCE: 03495,0229-00000  
;; CURRENT APPLICATION NUMBER: US/10/152,040  
;; CURRENT FILING DATE: 2002-06-27  
;; PRIOR APPLICATION NUMBER: 60/292,515  
;; PRIOR FILING DATE: 2001-05-23  
;; NUMBER OF SEQ ID NOS: 28  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO: 6  
;; LENGTH: 20  
;; TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide  
US-10-152-040-6

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6020 TTCCACACCTGTCCTCCCTCC 6039  
DB 1 TCTCCACAGGTGTCCTCCCTCC 20

RESULT 1612  
US-10-209-608-40/c  
Sequence 40, Application US/10209608  
Publication No. US20030082592A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGAWA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
TITLE OF INVENTION: THE METHOD  
FILE REFERENCE: 199953USOXDIV  
CURRENT FILING DATE: 2002-08-01  
PRIOR APPLICATION NUMBER: US/09/725,265  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 40  
LENGTH: 20  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-40

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6680 CGTTATTTTATTATATAT 6699  
DB 20 CCTTTTATATATATATAT 1

RESULT 1613  
US-10-209-608-41/c  
Sequence 41, Application US/10209608  
Publication No. US20030082592A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KANAGAWA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
TITLE OF INVENTION: THE METHOD

FILE REFERENCE: 199953USOXDIV  
CURRENT APPLICATION NUMBER: US/10/209,608  
CURRENT FILING DATE: 2002-08-01  
PRIOR APPLICATION NUMBER: US/09/725,265  
PRIOR FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 41  
LENGTH: 20  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-10-209-608-41

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6680 CGTTATTTTATTATATAT 6699  
DB 20 CTTTATTTTATATATATATAT 1

RESULT 1614  
US-10-161-803-2  
Sequence 2, Application US/10161803  
Publication No. US20030092028A1  
GENERAL INFORMATION:  
APPLICANT: Ma, Yuanhong  
APPLICANT: Lih, Chih-Jian  
APPLICANT: Chen, Fan  
APPLICANT: Fairman, Jeffery  
APPLICANT: Chen, Yi-Der I.  
TITLE OF INVENTION: METHODS AND REAGENTS FOR DIAGNOSIS AND  
TITLE OF INVENTION: TREATMENT OF INSULIN RESISTANCE AND RELATED CONDITIONS  
FILE REFERENCE: 421452000300  
CURRENT APPLICATION NUMBER: US/10/161,803  
CURRENT FILING DATE: 2002-06-03  
PRIOR APPLICATION NUMBER: US 60/295,264  
PRIOR FILING DATE: 2001-06-01  
NUMBER OF SEQ ID NOS: 61  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
US-10-161-803-2

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2105 GACCACGCAAGATCAT 2124  
DB 1 GAAAAAGCAAGATCAT 20

RESULT 1615  
US-10-230-026-108  
Sequence 108, Application US/10230026  
Publication No. US20030124695A1  
GENERAL INFORMATION:  
APPLICANT: MICHAEL G. BRAMUCCI  
APPLICANT: PATRICIA C. BRZOSTOWICZ  
APPLICANT: KRISTY N. KOSTICHKA  
APPLICANT: VASANTHA NAGARAJAN

```

; APPLICANT: PIERRE E. ROUVIERE
; APPLICANT: STUART M. THOMAS
; TITLE OF INVENTION: GENES ENCODING BAYER-VILIGER MONOOXYGENASES
; FILE REFERENCE: CL1789 US NA
; CURRENT APPLICATION NUMBER: US/10/230,026
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/315,546
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer A102FI for screening Arthrobacter sp. BP2 library
US-10-230-026-108

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2415 GCACACCAATCACCACC 2434
DB 1 GCACACCTACATCACCACC 20

RESULT 1616
US-10-000-213-72/c
; Sequence 72, Application US/10000213
; Publication No. US20030125271A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Mark P. Roach
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF VITAMIN D NUCLEAR RECEPTOR EXPRESSION
; FILE REFERENCE: RTS-0327
; CURRENT APPLICATION NUMBER: US/10/000,213
; CURRENT FILING DATE: 2001-11-14
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-000-213-72

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1892 ACCCTGCTCAAGATCAAT 1911
DB 20 ACCCTGCTCAATGTGAAT 1

RESULT 1617
US-10-367-470-18/c
; Sequence 18, Application US/10367470
; Publication No. US20030165963A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Datagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; FILE REFERENCE: 47541-20004,20
; CURRENT APPLICATION NUMBER: US/10/367,470
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
```

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; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02025
US-10-367-470-18

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT TTTT 4483
DB 20 TTTT TTTT TTTT TTTT TTTT TTTT 1

RESULT 1618
US-10-032-585-5256/c
; Sequence 5256, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jians
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5256
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5256

Query Match
Best Local Similarity 0.2%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6947 ATCCAGAAAGGAGCGGAA 6966
DB 20 ATCCAGAAATGCGAGCGGA 1

RESULT 1619
US-10-331-907-289
; Sequence 289, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Heese, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Metzker, Michael L
; APPLICANT: Wertzman, Tony R
; TITLE OF INVENTION: No. US20030181660A1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
```

```
COMPUTER READABLE FORM:
COMPUTER TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/331,907
  FILING DATE: 31-Dec-2002
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US/09/402,923A
    FILING DATE: 14-Feb-2001
    APPLICATION NUMBER: PCT/GB98/01102
    FILING DATE: 15-APR-1998
    APPLICATION NUMBER: US 60/043,553
    FILING DATE: 15-APR-1997
    APPLICATION NUMBER: US 60/048,740
    FILING DATE: 05-JUN-1997
  ATTORNEY/AGENT INFORMATION:
    NAME: B.J. Sadoff
    REGISTRATION NUMBER: 36,663
    REFERENCE/DOCKET NUMBER: 620-81
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703)816-4091
      TELEFAX: (703)816-4100
    INFORMATION FOR SEQ ID NO: 289:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 20 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      SEQUENCE DESCRIPTION: SEQ ID NO: 289:
US-10-331-907-289

Query Match      0.2%; Score 15.2; DB 1; length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1987 CTGGAGCAGATGTTACACA 2006
Db      1 CAGGAGCAGATCTTACCAC 20

RESULT 1620
US-10-005-344-331/c
Sequence 331, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
  APPLICANT: Loren J. Miraglia
  APPLICANT: Pamela Nero
  APPLICANT: Mark J. Graham
  APPLICANT: Brett P. Monla
  APPLICANT: Erich Koller
  APPLICANT: Mingyi Chiang
  APPLICANT: Mano Manoharan
  TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
  FILE REFERENCE: ISPH-0622
  CURRENT APPLICATION NUMBER: US/10/005,344
  PRIOR FILING DATE: 2001-12-04
  PRIOR APPLICATION NUMBER: US 09/048,810
  PRIOR FILING DATE: 1998-03-26
  PRIOR APPLICATION NUMBER: US 09/280,805
  PRIOR FILING DATE: 1999-03-26
  NUMBER OF SEQ ID NOS: 379
  SOFTWARE: FastSeq for Windows Version 4.0
  SEQ ID NO 331
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-331

Query Match      0.2%; Score 15.2; DB 1; length 20;
```

```
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      998 GCCTGAAGTGTGAGTCACC 1017
Db      20 GCCTGAAGTGTGAGTCATC 1

RESULT 1621
US-10-380-931-104
Sequence 104, Application US/10380931
Publication No. US2003021594A1
GENERAL INFORMATION:
  APPLICANT: Isis Pharmaceuticals, Inc.
  APPLICANT: C. Frank Bennett
  APPLICANT: Jacqueline Wyatt
  APPLICANT: Susan M. Freier
  TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
  FILE REFERENCE: RTSP-0187
  CURRENT APPLICATION NUMBER: US/10/380,931
  CURRENT FILING DATE: 2003-03-18
  PRIOR APPLICATION NUMBER: 09/676,610
  PRIOR FILING DATE: 2000-09-29
  NUMBER OF SEQ ID NOS: 182
  SEQ ID NO 104
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-104

Query Match      0.2%; Score 15.2; DB 1; length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2862 GGAAGCAAGAGGAGGAGG 2881
Db      1 GAATGCAGAGGAGGAGGAGG 20

RESULT 1622
US-10-236-031B-86
Sequence 86, Application US/10236031B
Publication No. US20030219760A1
GENERAL INFORMATION:
  APPLICANT: Gordon, Gavin J.
  APPLICANT: Jensen, Roderick V.
  APPLICANT: Gullans, Steven R.
  APPLICANT: Bueno, Raphael
  TITLE OF INVENTION: Diagnostic and Prognostic Tests
  FILE REFERENCE: B00801/70265 (JRV/JAV)
  CURRENT APPLICATION NUMBER: US/10/236,031B
  CURRENT FILING DATE: 2002-09-05
  PRIOR APPLICATION NUMBER: US 60/317,389
  PRIOR FILING DATE: 2001-09-05
  PRIOR APPLICATION NUMBER: US 60/407,431
  PRIOR FILING DATE: 2002-08-30
  NUMBER OF SEQ ID NOS: 102
  SOFTWARE: PatentIn version 3.1
  SEQ ID NO 86
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Homo sapiens
US-10-236-031B-86

Query Match      0.2%; Score 15.2; DB 1; length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2599 TCTATCCAGACCTGCTTA 2618
Db      1 TCTCTCCAGACCTTCTTA 20
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RESULT 1623
US-10-388-263-534/c
; Sequence 534, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Combert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohsaehi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 534
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-534

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1985 TCCTGGAGCAGATGTACA 2004
DB      20 TCCTGGAGCAGATGTACTA 1

RESULT 1624
US-10-175-492-51
; Sequence 51, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-51

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4633 TGCACCTCAGTGTGAATT 4652
DB      1 TTCAACTCCTGTGTGAATT 20

RESULT 1625
US-10-175-492-129/c
; Sequence 129, Application US/10175492
```

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; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-175-492-129

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4633 TGCACCTCAGTGTGAATT 4652
DB      20 TTCAACTCCTGTGTGAATT 1

RESULT 1626
US-10-309-775A-72
; Sequence 72, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-72

Query Match      0.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4464 TTTTCTTTTCTTTTCTTTT 4483
DB      1 TTTTCATTTTGTCTTTTCTTTT 20

RESULT 1627
US-10-289-762-2391/c
; Sequence 2391, Application US/10289762
; Publication No. US2004006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffee, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2391
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2391
```

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 457 CCTCAGATCTTGGTGATCG 476  
|||||  
Db 20 CCGTCATTCTTGGAGATCG 1

RESULT 1628  
US-10-289-762-2978  
; Sequence 2978, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 2978  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-2978

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3684 CCAGAAAGCCGCTATTG 3703  
|||||  
Db 1 CCAGAAAGCCGCAATTG 20

RESULT 1629  
US-10-289-762-5002/c  
; Sequence 5002, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 5002  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-5002

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7415 GCAGACGACGACGACG 7434  
|||||  
Db 20 GCAGACGACATCGGACG 1

RESULT 1630  
US-10-289-762-5785/c  
; Sequence 5785, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 5785  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-5785

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5033 CAGCTCACTGAGAGCCTAC 5052  
|||||  
Db 20 CTGCTATTGAGAGACTAC 1

RESULT 1631  
US-10-289-762-6476/c  
; Sequence 6476, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 6476  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-6476

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7412 TCAGCAGACGACGACG 7431  
|||||  
Db 20 TCAGCAGACGACGACG 1

RESULT 1632  
US-10-289-762-6842  
; Sequence 6842, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 6842  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-6842

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2733 GGCCAAAGCCGTGACGTTG 2752

Db 1 GGCNAAGCGTACGATTTC 20

## RESULT 1633

US-10-455-552-26/c  
; Sequence 26, Application US/10455552  
; Publication No. US2004001853A1  
; GENERAL INFORMATION:  
; APPLICANT: Adam, Gail Isabel  
; APPLICANT: Langdown, Maria  
; APPLICANT: Roth, Richard  
; APPLICANT: Denisenko, Mikhail  
; APPLICANT: Smylie, Kevin  
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT  
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT  
; FILE REFERENCE: 52459-20030.00  
; CURRENT APPLICATION NUMBER: US/10/455,552  
; PRIOR FILING DATE: 2003-06-04  
; PRIOR APPLICATION NUMBER: US 60/386,012  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-455-552-26

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2591 GCTGTCTCTATCCAGCA 2610  
Db 20 GATCTCTCTTTCCAGCA 1

RESULT 1634  
US-10-212-848-61/c  
; Sequence 61, Application US/10212848  
; Publication No. US20040023225A1  
; GENERAL INFORMATION:  
; APPLICANT: MCCARTHY, Jeanette  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING RISK FACTORS  
; TITLE OF INVENTION: FOR ABNORMAL LIPID LEVELS AND THE DISEASES AND DISORDERS  
; FILE REFERENCE: MMT-012  
; CURRENT APPLICATION NUMBER: US/10/212,848  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-212-848-61

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3391 CAGTGCACCCCACTT 3410  
Db 20 CAGATCCACCCACACTT 1

RESULT 1635  
US-10-272-727-101/c  
; Sequence 101, Application US/10272727

; Publication No. US2004007567A1  
; GENERAL INFORMATION:  
; APPLICANT: Andrew T. Watt  
; APPLICANT: Randy Lane Bell  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION  
; FILE REFERENCE: RTS-0261  
; CURRENT APPLICATION NUMBER: US/10/272,727  
; NUMBER OF SEQ ID NOS: 102  
; SEQ ID NO 101  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-272-727-101

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5544 TGTGATGACAGATGAGAA 5563  
Db 20 TTGTGATGACAGATGAGAA 1

RESULT 1636  
US-10-272-811-101/c  
; Sequence 101, Application US/10272811  
; Publication No. US20040076621A1  
; GENERAL INFORMATION:  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION  
; FILE REFERENCE: RTS-0162  
; CURRENT APPLICATION NUMBER: US/10/272,811  
; CURRENT FILING DATE: 2002-10-16  
; NUMBER OF SEQ ID NOS: 102  
; SEQ ID NO 101  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-272-811-101

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 5544 TGTGATGACAGATGAGAA 5563  
Db 20 TTGTGATGACAGATGAGAA 1

RESULT 1637  
US-10-303-328-17  
; Sequence 17, Application US/10303328  
; Publication No. US20040102397A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF PPM1B EXPRESSION  
; FILE REFERENCE: HTS-0030  
; CURRENT APPLICATION NUMBER: US/10/303,328  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 77  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-303-328-17

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2545 CAGATCCTGACGTACCACT 2564  
|||||  
Db 1 CAGATCCTGATTTCCAGCT 20

RESULT 1638

US-10-303-328-52/c  
; Sequence 52, Application US/10303328  
; Publication No. US20040102397A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF PPM1B EXPRESSION  
; FILE REFERENCE: HTS-0030  
; CURRENT APPLICATION NUMBER: US/10/303,328  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 77  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
; FEATURE:  
US-10-303-328-52

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2545 CAGATCCTGACGTACCACT 2564  
|||||  
Db 20 CAGATCCTGATTTCCAGCT 1

RESULT 1639

US-10-688-706-714/c  
; Sequence 714, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Brotschat, Kay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; CURRENT FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 714  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-714

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTGACACA 1128  
|||||  
Db 20 GACAGATTGTGAGTCTATA 1

RESULT 1640

US-10-688-706-890/c  
; Sequence 890, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Brotschat, Kay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; CURRENT FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 890  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-890

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1409 TGAAGATGACATGACGAG 1428  
|||||  
Db 20 TGAAGATCACATTAAGAG 1

RESULT 1641

US-10-315-962-50  
; Sequence 50, Application US/10315962  
; Publication No. US20040103848A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION  
; FILE REFERENCE: PTS-0046  
; CURRENT APPLICATION NUMBER: US/10/315,962  
; CURRENT FILING DATE: 2000-12-09  
; NUMBER OF SEQ ID NOS: 126  
; SEQ ID NO 50  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-315-962-50

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 AAGCCCTCAGGAGCTCTCA 968  
|||||  
Db 1 ATGCCCTCTGGGTCTCTCA 20

RESULT 1642

US-10-316-755-20  
; Sequence 20, Application US/10316755  
; Publication No. US20040110152A1  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION  
; FILE REFERENCE: RTS-0381  
; CURRENT APPLICATION NUMBER: US/10/316,755  
; CURRENT FILING DATE: 2002-12-10

NUMBER OF SEQ ID NOS: 277  
SEQ ID NO 20  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-316-755-20

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434  
DB 1 GCGGCTGGAGCAGCAGC 20

RESULT 1643  
US-10-316-755-175/c  
Sequence 175, Application US/10316755  
Publication No. US20040110152A1  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION  
FILE REFERENCE: RTS-0381  
CURRENT APPLICATION NUMBER: US/10/316,755  
CURRENT FILING DATE: 2002-12-10  
NUMBER OF SEQ ID NOS: 277  
SEQ ID NO 175  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-316-755-175

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGC 7434  
DB 20 GCGGCTGGAGCAGCAGC 1

RESULT 1644  
US-10-467-008-104/c  
Sequence 104, Application US/10467008  
Publication No. US20040116366A1  
GENERAL INFORMATION:  
APPLICANT: Isis Pharmaceuticals, Inc.  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B  
FILE REFERENCE: ISPR-0746  
CURRENT APPLICATION NUMBER: US/10/467,008  
CURRENT FILING DATE: 2003-08-01  
PRIOR APPLICATION NUMBER: PCT/US02/02805  
PRIOR FILING DATE: 2002-01-31  
PRIOR APPLICATION NUMBER: US 09/780,045  
PRIOR FILING DATE: 2001-02-09  
NUMBER OF SEQ ID NOS: 135  
SEQ ID NO 104  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-467-008-104

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 65 GCTGGGGGGCGCGCGCG 84  
DB 20 GCGCGGGGAGCGCGCGG 1

RESULT 1645  
US-10-606-133-172  
Sequence 172, Application US/10606133  
Publication No. US20040132047A1  
GENERAL INFORMATION:  
APPLICANT: Fortina, Paolo  
APPLICANT: Maris, John M.  
APPLICANT: Gelfand, Craig A.  
TITLE OF INVENTION: Methods for Detection of Genetic  
FILE REFERENCE: CHOP.0182US  
CURRENT APPLICATION NUMBER: US/10/606,133  
CURRENT FILING DATE: 2003-06-25  
PRIOR APPLICATION NUMBER: 60/391,515  
PRIOR FILING DATE: 2002-06-25  
NUMBER OF SEQ ID NOS: 282  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 172  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-606-133-172

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4477 TTTTGTCTTGAGACATG 4496  
DB 1 TTGTTGTCTTGAGACAG 20

RESULT 1646  
US-10-606-133-235  
Sequence 235, Application US/10606133  
Publication No. US20040132047A1  
GENERAL INFORMATION:  
APPLICANT: Fortina, Paolo  
APPLICANT: Maris, John M.  
APPLICANT: Gelfand, Craig A.  
TITLE OF INVENTION: Methods for Detection of Genetic  
FILE REFERENCE: CHOP.0182US  
CURRENT APPLICATION NUMBER: US/10/606,133  
CURRENT FILING DATE: 2003-06-25  
PRIOR APPLICATION NUMBER: 60/391,515  
PRIOR FILING DATE: 2002-06-25  
NUMBER OF SEQ ID NOS: 282  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 235  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-606-133-235

Query Match 0.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5555 GATGAGAAAGTGTTGGC 5574  
|||||

Db 1 GATGAGAGCGATGTTTGC 20

RESULT 1647

US-10-728-399-18/c

; Sequence 18, Application US/10728399

; Publication No. US20040132078A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION

; FILE REFERENCE: 01455\_1

; CURRENT APPLICATION NUMBER: US/10/728,399

; CURRENT FILING DATE: 2003-12-05

; NUMBER OF SEQ ID NOS: 627

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human mitoneet antisense

US-10-728-399-18

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6192 GAAGAGATGGAGAGATTG 6211

Db 20 GAAGAGACTGGAGACAATGT 1

RESULT 1648

US-10-728-399-24/c

; Sequence 24, Application US/10728399

; Publication No. US20040132078A1

; GENERAL INFORMATION:

; APPLICANT: Pharmacia Corp.

; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION

; FILE REFERENCE: 01455\_1

; CURRENT APPLICATION NUMBER: US/10/728,399

; CURRENT FILING DATE: 2003-12-05

; NUMBER OF SEQ ID NOS: 627

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24

; LENGTH: 20

; TYPE: DNA

; ORGANISM: artificial

; FEATURE:

; OTHER INFORMATION: human mitoneet antisense

US-10-728-399-24

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6193 AAGAGATGGAGAGATTG 6212

Db 20 AAGAGACTGGAGACAATGTG 1

RESULT 1649

US-10-655-620A-5

; Sequence 5, Application US/10655620A

; Publication No. US20040170622A1

; GENERAL INFORMATION:

; APPLICANT: GLIMCHER, Laurie H.

; APPLICANT: LEE, Ann-Hwee

; APPLICANT: IWAKOSHI, Neil

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING

; TITLE OF INVENTION: XBP-1 ACTIVITY

; FILE REFERENCE: HUI-052

; CURRENT APPLICATION NUMBER: US/10/655,620A

; CURRENT FILING DATE: 2003-09-02

; PRIOR APPLICATION NUMBER: 60/407,166

; PRIOR FILING DATE: 2002-08-30

; PRIOR APPLICATION NUMBER: 60/488,568

; PRIOR FILING DATE: 2003-07-18

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 5

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

US-10-655-620A-5

Query Match 0.2%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1819 ACACTCTGGAGATGCTAC 1838

Db 1 ACACGCTTGGAGATGGACAC 20

RESULT 1650

US-10-418-182-106/c

; Sequence 106, Application US/10418182

; Publication No. US20030228302A1

; GENERAL INFORMATION:

; APPLICANT: Crea, Roberto

; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOLOGICALS

; FILE REFERENCE: 1551,2001-001

; CURRENT APPLICATION NUMBER: US/10/418,182

; CURRENT FILING DATE: 2003-04-16

; PRIOR APPLICATION NUMBER: 60/373,558

; PRIOR FILING DATE: 2002-04-17

; NUMBER OF SEQ ID NOS: 423

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 106

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-10-418-182-106

Query Match 0.2%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 1.2e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4020 AAAAAAGAGAAACAAA 4039

Db 20 AAAAAAGAGAAACAAA 1

RESULT 1651

US-08-776-044-11

; Sequence 11, Application US/08776044

; Publication No. US20020142295A1

; GENERAL INFORMATION:

; APPLICANT: BYWATER, MARGARET

; APPLICANT: LINDSTROM, PER

; APPLICANT: INGMANAS, MATS

; TITLE OF INVENTION: SEQUENCE-BASED MUTATION ANALYSIS OF

; TITLE OF INVENTION: NEOPLASTIC TISSUE FOR DIAGNOSIS OR PROGNOSIS OF THE

; TITLE OF INVENTION: NEOPLASIA

; NUMBER OF SEQUENCES: 25

; CORRESPONDENCE ADDRESS:

; ADDRESS: BIRCH, STEWART, KOLASCH AND BIRCH

; STREET: PO BOX 747

; CITY: FALLS CHURCH

STATE: VA  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/776,044  
FILING DATE:  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: MURPHY JR, GERALD M  
REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 1614-178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER"  
US-08-776-044-11

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7307 CTTGAGATTGCTTTGTG 7326  
DB 2 CTTGAGGTCGCTGTTGTG 21

RESULT 1652  
US-09-073-881-12/c  
Sequence 12, Application US/09073881  
Patent No. US20020045251A1  
GENERAL INFORMATION:  
APPLICANT: Rao, Mahendra S.  
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Thorpe, No. US20020045251A1ch & Western, L.L.P.  
STREET: P.O. Box 1219  
CITY: Sandy  
STATE: Utah  
COUNTRY: USA  
ZIP: 84091-1219  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage  
COMPUTER: Compaq Presario 4540  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word Perfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,881  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/852,744  
FILING DATE: 07-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Alan J. Howarth  
REGISTRATION NUMBER: 36,553  
REFERENCE/DOCKET NUMBER: T4903.CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (801)566-6633  
TELEFAX: (801)566-0750

INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-073-881-12

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3683 GCCAGAAAGCCGCTATTTT 3702  
DB 21 GCCAGAAAGCCATCTTGT 2

RESULT 1653  
US-09-964-261-187/c  
Sequence 187, Application US/09964261  
Publication No. US20020197613A1  
GENERAL INFORMATION:  
APPLICANT: De Canck, Ilse  
APPLICANT: Rombout, Annelies  
APPLICANT: Rosseau, Rudi  
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES  
FILE REFERENCE: IG0-002  
CURRENT APPLICATION NUMBER: US/09/964,261  
CURRENT FILING DATE: 2001-09-25  
PRIOR APPLICATION NUMBER: EP 99870068.6  
PRIOR FILING DATE: 1999-04-09  
PRIOR APPLICATION NUMBER: US 60/138,614  
PRIOR FILING DATE: 1999-06-11  
NUMBER OF SEQ ID NOS: 446  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 187  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-964-261-187

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5151 GCGAGGAGGATTCCTCGGG 5170  
DB 21 GCGAGAGGAGATTCCTCGGG 2

RESULT 1654  
US-10-027-075-14/c  
Sequence 14, Application US/10027075  
Publication No. US20020114814A1  
GENERAL INFORMATION:  
APPLICANT: Gray, Gary S. et al.  
TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins  
Having Modified Effector Functions and Uses Therefor  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSER: LAHIVE & COCKFIELD  
STREET: 60 State Street, suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1875  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/027,075

```
; FILING DATE: 20-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/227,595
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Amy E. Mandagouras
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: <Unknown>
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-027-075-14
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 6020 TTTCACACCTGTCACATCC 6039
Db 20 TCTCCACAGGTGTCACATCC 1
```

```
RESULT 1655
US-10-013-329-6/c
; Sequence 6, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Eiji
; TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Downstream primer p6
US-10-013-329-6
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 6914 TACTGACTTAGAGCTCTGG 6933
Db 20 TACTGAATTAGAAGCTCGG 1
```

```
RESULT 1656
US-10-002-623-53
; Sequence 53, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
```

```
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligo
US-10-002-623-53
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 6362 GTACCTAGAAATTGAAC 6381
Db 2 GAACCTAGAAATGTGAAC 21
```

```
RESULT 1657
US-10-032-585-5530
; Sequence 5530, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5530
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5530
```

```
Query Match 0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 5695 CTGTTTGCTTCTCTTCC 5714
Db 2 CTCTTTGGCTGCTTTTCC 21
```

```
RESULT 1658
US-10-109-349A-1/c
; Sequence 1, Application US/10109349A
; Publication No. US20030186246A1
; GENERAL INFORMATION:
; APPLICANT: Medical College of Ohio
; APPLICANT: Willey, James C.
; APPLICANT: Crawford, Erin L.
; TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REAC
; FILE REFERENCE: 01154/2001-203
; CURRENT APPLICATION NUMBER: US/10/109,349A
; CURRENT FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 282
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 21
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-109-349A-1

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6802 CAGATTGGGAGAGATATT 6821
DB 20 CAGATTGGGAGAGATATT 1

RESULT 1659
US-10-377-684-18
; Sequence 18, Application US/10377684
; Publication No. US20030219796A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF
; APPLICANT: NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Nagata, Naoko
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Sugita, Yuji
; APPLICANT: Kubo, Masato
; APPLICANT: Saico, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Disease
; FILE REFERENCE: SHWITU-07595
; CURRENT APPLICATION NUMBER: US/10/377,684
; PRIOR FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: JP 2002-52310
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: PCT/JP03/00600
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-377-684-18

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 527 CCATTGGCAGGAGCGGTC 546
DB 2 CATTGGCAGGAGCGGTC 21

RESULT 1660
US-10-444-575-22/C
; Sequence 22, Application US/10444575
; Publication No. US2003023274A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; PRIOR FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
```

```

; ORGANISM: Rattus norvegicus
US-10-444-575-22

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 AGAATGACGAAATTGGGAG 2385
DB 20 AGAATGACGAAATCGGAG 1

RESULT 1661
US-10-349-143-6964
; Sequence 6964, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-10-349-143-6964

Query Match
Best Local Similarity 85.0%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5707 CTTTCTCTCTCTCTCTTT 5726
DB 1 CTTTCTCTCTCTCTCTCT 20

RESULT 1662
US-10-349-143-9636/C
; Sequence 9636, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
```



```

; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/10/238,741
; APPLICATION NUMBER: US/10/238,741
; FILING DATE: 09-NOV-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/356,497
; FILING DATE: 19-JUL-1999
; APPLICATION NUMBER: US/08/416,711
; FILING DATE: 08-AUG-1995
; APPLICATION NUMBER: PCT/FR93/01024
; FILING DATE: 18-OCT-1993
; APPLICATION NUMBER: FR 92/12488
; FILING DATE: 19-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 660-085-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA PRIMER"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-238-741-9

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5373 AATGCAATTTTGGCCCTT 5392
Db 21 ATAGCAATTTTGGCCCTT 2

RESULT 1667
US-10-655-579-67/c
; Sequence 67, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 67
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: P-450 B-319, reverse primer
US-10-655-579-67

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6955 AAGGAGGGGAAGATGAG 6974
Db 21 AATGGGGGGAAGATGAG 2
```

```

RESULT 1668
US-10-338-552-91
; Sequence 91, Application US/10338552
; Publication No. US20040131612A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Vasselec, Alain P.
; APPLICANT: Marguis, David
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: TNF-alpha Binding Molecules
; FILE REFERENCE: AME-06971
; CURRENT APPLICATION NUMBER: US/10/338,552
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 91
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-338-552-91

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6020 TTTCACACGTCGCTCC 6039
Db 2 TCTCCACAGTGTCGCTCC 21
```

```

RESULT 1669
US-10-338-627-91
; Sequence 91, Application US/10338627
; Publication No. US20040131613A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Vasselec, Alain P.
; APPLICANT: Marguis, David
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: TNF-alpha Binding Molecules
; FILE REFERENCE: AME-07497
; CURRENT APPLICATION NUMBER: US/10/338,627
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 91
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-338-627-91

Query Match          0.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6020 TTTCACACGTCGCTCC 6039
Db 2 TCTCCACAGTGTCGCTCC 21

RESULT 1670
US-10-774-602-9/c
; Sequence 9, Application US/10774602
; Publication No. US20040141987A1
; GENERAL INFORMATION:
; APPLICANT: DRULHE, PIERRE
; TITLE OF INVENTION: PLASMODIUM FALCIPARUM ANTIGENS INDUCING PROTECTIVE ANTIBODIES
```

FILE REFERENCE: 248791USODIV  
; CURRENT APPLICATION NUMBER: US/10/774,602  
; CURRENT FILING DATE: 2004-02-10  
; PRIOR APPLICATION NUMBER: US 09/356,947  
; PRIOR FILING DATE: 1999-07-19  
; PRIOR APPLICATION NUMBER: US 10/238,741  
; PRIOR FILING DATE: 2002-09-11  
; PRIOR APPLICATION NUMBER: US 08/416,711  
; PRIOR FILING DATE: 1995-08-08  
; PRIOR APPLICATION NUMBER: PCT/FR93/01024  
; PRIOR FILING DATE: 1993-10-18  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 9  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA  
US-10-774-602-9

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 5373 AATGCACTTTTGGCCCTT 5392  
Db 21 ATAAGCACTTTTGGCCCTT 2

RESULT 1671  
US-10-792-637-14/c  
; Sequence 14, Application US/10792637  
; Publication No. US20040151725A1  
; GENERAL INFORMATION:  
; APPLICANT: Gray, Gary S. et al.  
; TITLE OF INVENTION: CTLA4-Immunoglobulin Fusion Proteins  
; Having Modified Effector Functions and Uses  
; Therefor  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 28 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: MS-Windows  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/792,637  
; FILING DATE: 02-Mar-2004  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/595,590  
; FILING DATE: 02-Feb-1996  
; APPLICATION NUMBER: <Unknown>  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amy E. Mandagouras  
; REGISTRATION NUMBER: 36,207  
; REFERENCE/DOCKET NUMBER: RPI-007CPA2  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)742-4214  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-10-792-637-14

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 6020 TTTCACACCTGTCCACTCC 6039  
Db 20 TCTCCACAGGTGTCCTCC 1

RESULT 1672  
US-10-755-889-821  
; Sequence 821, Application US/10755889  
; Publication No. US20040171823A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB  
; PATHWAY  
; FILE REFERENCE: D0284 NP  
; CURRENT APPLICATION NUMBER: US/10/755,889  
; CURRENT FILING DATE: 2004-01-13  
; PRIOR APPLICATION NUMBER: U.S. 60/440,068  
; PRIOR FILING DATE: 2003-01-14  
; PRIOR APPLICATION NUMBER: U.S. 60/469,757  
; PRIOR FILING DATE: 2003-05-12  
; NUMBER OF SEQ ID NOS: 823  
; SOFTWARE: Patentin version 3.2  
; SEQ ID NO 821  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthesized Primer.  
US-10-755-889-821

Query Match 0.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.2e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 7418 GCAGCAGCAGCAGCAGCA 7437  
Db 1 GCAGCAGCAGCAGCATTACA 20

RESULT 1673  
US-09-816-523-29/c  
; Sequence 29, Application US/09816523  
; Patent No. US20020037540A1  
; GENERAL INFORMATION:  
; APPLICANT: All, Shujath  
; APPLICANT: Recipon, Herve  
; APPLICANT: Hu, Ping  
; APPLICANT: Caferkey, Robert  
; TITLE OF INVENTION: Compositions and Methods of Diagnosing, Monitoring,  
; FILE REFERENCE: DEX-0197  
; CURRENT APPLICATION NUMBER: US/09/816,523  
; CURRENT FILING DATE: 2001-03-23  
; PRIOR APPLICATION NUMBER: 60/191,511  
; PRIOR FILING DATE: 2000-03-23  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-816-523-29

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4688 ATCTGCTGATGAAGCCATGA 4707  
|||  
22 ATATGCTGATGATGCCCTGA 3

RESULT 1674  
US-09-853-830-126  
; Sequence 126, Application US/09853830  
; Patent No. US20020107388A1  
; GENERAL INFORMATION:  
; APPLICANT: Vandenbark, Arthur A.  
; TITLE OF INVENTION: Methods of Identifying and Monitoring  
; TITLE OF INVENTION: Disease-Associated T Cells  
; FILE REFERENCE: P-1M 4734  
; CURRENT APPLICATION NUMBER: US/09/853,830  
; CURRENT FILING DATE: 2001-09-18  
; NUMBER OF SEQ ID NOS: 184  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 126  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-853-830-126

US-09-853-830-126

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6195 GAGATGAGAGATTGGA 6214  
|||  
1 GTGAATGAGAGATTGGA 20

RESULT 1675  
US-09-780-172-11  
; Sequence 11, Application US/09780172  
; Patent No. US20020147163A1  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION  
; FILE REFERENCE: RTS-0159  
; CURRENT APPLICATION NUMBER: US/09/780,172  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 11  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-09-780-172-11

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2408 CCACAGTGACACCAATC 2427  
|||  
2 CCACAGTGAAACCAATC 21

RESULT 1676  
US-09-964-261-188/c  
; Sequence 188, Application US/09964261  
; Publication No. US20020197613A1  
; GENERAL INFORMATION:

; APPLICANT: De Canck, Ilse  
; APPLICANT: Rombaut, Annelies  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES  
; FILE REFERENCE: IGT-002  
; CURRENT APPLICATION NUMBER: US/09/964,261  
; CURRENT FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: EP 99870068.6  
; PRIOR FILING DATE: 1999-04-09  
; PRIOR APPLICATION NUMBER: US 60/138,614  
; PRIOR FILING DATE: 1999-06-11  
; NUMBER OF SEQ ID NOS: 446  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 188  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-964-261-188

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5151 GCGAGGAGGATCTCTCTGGG 5170  
|||  
22 GCGAGGAGGATCTCTCTGGG 3

RESULT 1677  
US-09-927-121B-38/c  
; Sequence 38, Application US/09927121B  
; Publication No. US20030082178A1  
; GENERAL INFORMATION:  
; APPLICANT: GOLD, DANIEL P.  
; APPLICANT: SHOPS, ROBERT J.  
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR ALTERING A B CELL MEDIATED  
; TITLE OF INVENTION: PATHOLOGY  
; FILE REFERENCE: 032077.0003  
; CURRENT APPLICATION NUMBER: US/09/927,121B  
; CURRENT FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 38  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-927-121B-38

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7344 CCTGTCCAGTCCATTGGA 7363  
|||  
20 CCAGTCCAGTCCATTGGA 1

RESULT 1678  
US-09-927-811A-16  
; Sequence 16, Application US/09927811A  
; Publication No. US20040086998A1  
; GENERAL INFORMATION:  
; APPLICANT: Rheinbiotech Gesellschaft für neue biotechnologische Prozesse und  
; APPLICANT: Produkte mbH  
; APPLICANT: Romano, Ivano  
; APPLICANT: Gellissen, Gerd  
; APPLICANT: Deverglilio, Claudio  
; TITLE OF INVENTION: Heat-Inducible Promoter  
; FILE REFERENCE: PCT/106-01966  
; CURRENT APPLICATION NUMBER: US/09/927,811A  
; CURRENT FILING DATE: 2002-02-22

; PRIOR APPLICATION NUMBER: PCT/EP00/01144  
; PRIOR FILING DATE: 2000-02-11  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 16  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Sequencing primer F9 (forward)  
US-09-927-81A-16

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7190 GTGTGACTCTGTGTTTC 7209  
Db 3 GTGTGATTACTGTGTGTTGC 22

RESULT 1679  
US-10-663-241-45  
; Sequence 45, Application US/10663241  
; Publication No. US20040040058A1  
; GENERAL INFORMATION:  
; APPLICANT: Maliga, Pal  
; APPLICANT: Silhavy, Daniel  
; APPLICANT: Strieman, Priya  
; TITLE OF INVENTION: Placid Promoters for Transgene  
; FILE REFERENCE: Rut 97-0097  
; CURRENT APPLICATION NUMBER: US/10/663,241  
; PRIOR FILING DATE: 2003-09-16  
; PRIOR APPLICATION NUMBER: US/09/445,283C  
; PRIOR FILING DATE: 1999-12-03  
; PRIOR APPLICATION NUMBER: PCT/US98/11437  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/058,670  
; PRIOR FILING DATE: 1997-09-12  
; PRIOR APPLICATION NUMBER: 60/048,376  
; PRIOR FILING DATE: 1997-06-03  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 45  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-663-241-45

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3342 GAATCCAGTTGTAGAGA 3361  
Db 3 GAATTCGTGTGTAGAGA 22

RESULT 1680  
US-09-874-991C-619  
; Sequence 619, Application US/09874991C  
; Publication No. US20040052763A1  
; GENERAL INFORMATION:  
; APPLICANT: MOND, JAMES J.  
; APPLICANT: FLORA, MICHAEL  
; APPLICANT: KLINMAN, DENNIS M.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES  
; FILE REFERENCE: 07787, 0042-0  
; CURRENT APPLICATION NUMBER: US/09/874,991C  
; CURRENT FILING DATE: 2001-06-07

; PRIOR APPLICATION NUMBER: 60/209,797  
; PRIOR FILING DATE: 2000-06-07  
; NUMBER OF SEQ ID NOS: 620  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 619  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR  
US-09-874-991C-619

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5460 GTTCTTCTCTGATTTTT 5479  
Db 3 GTTCTACTCTTTT 22

RESULT 1681  
US-10-211-858-188  
; Sequence 188, Application US/10211858  
; Publication No. US20030211096A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin T.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsden, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Pitti, Robert M.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stone, Donna M.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR  
; FILE REFERENCE: P2931R1C1  
; CURRENT APPLICATION NUMBER: US/10/211,858  
; PRIOR FILING DATE: 2002-08-02  
; PRIOR APPLICATION NUMBER: 60/014699  
; PRIOR FILING DATE: 1996-04-01  
; PRIOR APPLICATION NUMBER: 60/026943  
; PRIOR FILING DATE: 1996-09-23  
; PRIOR APPLICATION NUMBER: 60/059121  
; PRIOR FILING DATE: 1997-07-17  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/062037  
; PRIOR FILING DATE: 1997-10-10  
; PRIOR APPLICATION NUMBER: 60/063755  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063045  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063046  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/065511  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066772  
; PRIOR FILING DATE: 1997-11-24  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 258  
; SEQ ID NO 188  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.  
US-10-211-858-188

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 6893 TGTCTCTCCCTTACTTACTC 6912  
Db 2 TGTCTCTCCCTTACTTACTC 21

## RESULT 1682

US-10-309-788-17/c  
Sequence 17, Application US/10309788  
Publication No. US20030211466A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Tenenbaum, Scott A.  
APPLICANT: Carson, Craig C.  
APPLICANT: Phelps, William C.  
TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target  
FILE REFERENCE: RBN-001CP  
CURRENT APPLICATION NUMBER: US/10/309,788  
CURRENT FILING DATE: 2003-06-18  
PRIOR FILING DATE: 1999-12-28  
PRIOR APPLICATION NUMBER: US 60/173,338  
PRIOR FILING DATE: 2000-12-28  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 17  
LENGTH: 22  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin  
US-10-309-788-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAA 4039  
Db 22 AAAAAATACAGAAAAATAAAA 3

## RESULT 1683

US-10-309-788-19/c  
Sequence 19, Application US/10309788  
Publication No. US20030211466A1  
GENERAL INFORMATION:  
APPLICANT: Keene, Jack D.  
APPLICANT: Tenenbaum, Scott A.  
APPLICANT: Carson, Craig C.  
APPLICANT: Phelps, William C.  
TITLE OF INVENTION: Method for Identifying Functionally Related Genes and Drug Target  
FILE REFERENCE: RBN-001CP  
CURRENT APPLICATION NUMBER: US/10/309,788  
CURRENT FILING DATE: 2003-06-18  
PRIOR FILING DATE: 1999-12-28  
PRIOR APPLICATION NUMBER: US 60/173,338  
PRIOR FILING DATE: 2000-12-28  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 19  
LENGTH: 22  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: 3'-UTR consensus sequence of Neuronal-Cadherin  
US-10-309-788-19

Query Match 0.2%; Score 15.2; DB 1; Length 22;

Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAAA 4039  
Db 22 AAAAAATACAGAAAAATAAAA 3

## RESULT 1684

US-10-300-616-13/c  
Sequence 13, Application US/10300616  
Publication No. US20030082801A1  
GENERAL INFORMATION:  
APPLICANT: BARNES, ASHLEY A.  
APPLICANT: WISE, ALAN  
APPLICANT: MARSHALL, FIONA H.  
APPLICANT: FRASER, NEIL J.  
APPLICANT: WHITE, JULIE H. M.  
APPLICANT: FOORD, STEVEN M.  
TITLE OF INVENTION: NOVEL RECEPTOR  
FILE REFERENCE: PG3558US2  
CURRENT APPLICATION NUMBER: US/10/300,616  
CURRENT FILING DATE: 2002-11-20  
PRIOR APPLICATION NUMBER: GB9819420.2  
PRIOR FILING DATE: 1998-09-07  
NUMBER OF SEQ ID NOS: 55  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 13  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-10-300-616-13

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7417 AGCAGCAGCAGCAGCAGC 7436  
Db 21 AGCAGCAGCAGCAGCAGC 2

## RESULT 1685

US-10-263-872-17/c  
Sequence 17, Application US/10263872  
Publication No. US20030124585A1  
GENERAL INFORMATION:  
APPLICANT: MILLER, Robert P  
APPLICANT: Lowe, Steven  
APPLICANT: Conklin, Darrell  
TITLE OF INVENTION: Type II Gonadotropin - Releasing Hormone Receptor and Polynucleot  
FILE REFERENCE: P32303A  
CURRENT APPLICATION NUMBER: US/10/263,872  
CURRENT FILING DATE: 2002-10-02  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 17  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Synthetic primer  
FEATURE:  
NAME/KEY: misc. feature  
OTHER INFORMATION: Synthetic primer directed to the Type II marmoset (Callithrix jac  
OTHER INFORMATION: chus) GnRH receptor exon sequences  
US-10-263-872-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1976 CAGTGAATTCCTGGAGCA 1995  
|||  
DB 22 CAGTGATATTCAGGTGCA 3

RESULT 1686  
US-10-002-623-56  
; Sequence 56, Application US/10002623  
; Publication No. US20030134285A1  
; GENERAL INFORMATION:  
; APPLICANT: OEFNER, PETER J.  
; APPLICANT: UNDERHILL, PETER A.  
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC  
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN  
; TITLE OF INVENTION: POPULATIONS  
; FILE REFERENCE: STRAN-212  
; CURRENT APPLICATION NUMBER: US/10/002,623  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: US 60/245,355  
; PRIOR FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 952  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 56  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligo  
US-10-002-623-56

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6362 GTACCTGAATTTGAACT 6381  
|||  
DB 2 GAACCTCAATGTGAACT 21

RESULT 1687  
US-10-002-623-59  
; Sequence 59, Application US/10002623  
; Publication No. US20030134285A1  
; GENERAL INFORMATION:  
; APPLICANT: OEFNER, PETER J.  
; APPLICANT: UNDERHILL, PETER A.  
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC  
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN  
; FILE REFERENCE: STRAN-212  
; CURRENT APPLICATION NUMBER: US/10/002,623  
; CURRENT FILING DATE: 2001-11-01  
; PRIOR APPLICATION NUMBER: US 60/245,355  
; PRIOR FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 952  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 59  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligo  
US-10-002-623-59

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6362 GTACCTGAATTTGAACT 6381  
|||  
DB 2 GAACCTCAATGTGAACT 21

RESULT 1688  
US-10-106-749-2/c  
; Sequence 2, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Insect, Inc.  
; APPLICANT: Woods, Daniel  
; APPLICANT: Dimitatos, Spiros  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECI  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE  
; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-2

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4460 GGACTTTTTTTTTTTTTT 4479  
|||  
DB 20 GACAGTTTTTTTTTTTTT 1

RESULT 1689  
US-10-357-935-29  
; Sequence 29, Application US/10357935  
; Publication No. US20030165958A1  
; GENERAL INFORMATION:  
; APPLICANT: HARDY, John Anthony  
; APPLICANT: GOATE, Alison Mary  
; APPLICANT: MULLAN, Michael John  
; APPLICANT: CHARTIER-HARLIN, Marie-Christine  
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Townsend and Townsend Kourie and Crew  
; STREET: 379 Lytton Avenue  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: US  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/357,935  
; FILING DATE: 03-Feb-2003  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/464,250  
; FILING DATE: 05-Jun-1995  
; APPLICATION NUMBER: 08/104,165  
; FILING DATE: 21-Jan-1992  
; APPLICATION NUMBER: 9101307.8  
; FILING DATE: 21-Jan-1991  
; APPLICATION NUMBER: 9118445.7  
; FILING DATE: 28-AUG-1991

```

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebschuetz, Joe
; REGISTRATION/DOCKET NUMBER: 17,505
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (Primer)
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-357-935-29

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5617 TTACCCAGCTTCAGGAG 5636
DB      2 TAACCCAGCATCATGAG 21

RESULT 1690
US-10-210-951-188
; Sequence 188, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 188
; LENGTH: 22
; TYPE: DNA
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```

;
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-188

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6893 TGCTCTCCCTTACTCTACTC 6912
DB      2 TGCTCTCCCTTCTCTTCCC 21

RESULT 1691
US-10-211-884-188
; Sequence 188, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 188
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe.
US-10-211-884-188

Query Match      0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6893 TGCTCTCCCTTACTCTACTC 6912
DB      2 TGCTCTCCCTTCTCTTCCC 21
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## RESULT 1692

US-10-438-729-125  
; Sequence 125, Application US/10438729  
; Publication No. US20030190665A1  
; GENERAL INFORMATION:  
; APPLICANT: Vandenberg, Arthur  
; TITLE OF INVENTION: METHODS OF SELECTING T CELL RECEPTOR V PEPTIDES FOR THERAPEUTIC U  
; FILE REFERENCE: 6915-65828  
; CURRENT APPLICATION NUMBER: US/10/438, 729  
; CURRENT FILING DATE: 2003-05-14  
; PRIOR APPLICATION NUMBER: 60/203,984  
; PRIOR FILING DATE: 2000-05-12  
; PRIOR APPLICATION NUMBER: 09/853,830  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: 60/380,731  
; PRIOR FILING DATE: 2002-05-14  
; NUMBER OF SEQ ID NOS: 181  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 125  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic  
US-10-438-729-125

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 6195 GAGATGAGAGGATTTGAA 6214

Db 1 GTGATGAGAGGATTTGCA 20

## RESULT 1693

US-10-238-306B-17/C  
; Sequence 17, Application US/10238306B  
; Publication No. US20030235830A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; FILE REFERENCE: RBN-001CN  
; CURRENT APPLICATION NUMBER: US/10/238, 306B  
; CURRENT FILING DATE: 2002-09-10  
; PRIOR APPLICATION NUMBER: US 09/750,401  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin  
US-10-238-306B-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

## RESULT 1694

US-10-238-306B-19/C  
; Sequence 19, Application US/10238306B  
; Publication No. US20030235830A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Tenenbaum, Scott A.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; FILE REFERENCE: RBN-001CN  
; CURRENT APPLICATION NUMBER: US/10/238, 306B  
; CURRENT FILING DATE: 2002-09-10  
; PRIOR APPLICATION NUMBER: US 09/750,401  
; PRIOR FILING DATE: 2001-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 19  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin  
US-10-238-306B-19

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

## RESULT 1695

US-10-629-453-17/C  
; Sequence 17, Application US/10629453  
; Publication No. US20040096878A1  
; GENERAL INFORMATION:  
; APPLICANT: Keene, Jack D.  
; APPLICANT: Carson, Craig C.  
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein  
; FILE REFERENCE: RBN-001DV  
; CURRENT APPLICATION NUMBER: US/10/629,453  
; CURRENT FILING DATE: 2003-07-29  
; PRIOR APPLICATION NUMBER: US 09/750,401  
; PRIOR FILING DATE: 2000-12-28  
; PRIOR APPLICATION NUMBER: US 60/173,338  
; PRIOR FILING DATE: 1999-12-28  
; NUMBER OF SEQ ID NOS: 37  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin  
US-10-629-453-17

Query Match 0.2%; Score 15.2; DB 1; Length 22;  
Best Local Similarity 85.0%; Pred. No. 1.3e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4020 AAAAAAGAGAAACAAA 4039

Db 22 AAAAAATCAGAAATAAAA 3

## RESULT 1696

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US-10-629-453-19/c
; Sequence 19, Application US/10629453
; Publication No. US20040096878A1
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001DV
; CURRENT APPLICATION NUMBER: US/10/629,453
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: US 09/750,401
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 19
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3 - UTR sequence of Neuronal-Cadherin
US-10-629-453-19

Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
Db      22 AAAAAATACGAAATATAA 3

RESULT 1697
US-10-366-548-7
; Sequence 7, Application US/10366548
; Publication No. US20040156837A1
; GENERAL INFORMATION:
; APPLICANT: Apicella, M.A.
; APPLICANT: Jones, P.
; APPLICANT: Gibson, B.W.
; APPLICANT: Phillips, N.J.
; TITLE OF INVENTION: Influenzae sialyltransferases and methods of use thereof
; FILE REFERENCE: 875,063US1
; CURRENT APPLICATION NUMBER: US/10/366,548
; CURRENT FILING DATE: 2003-02-12
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Haemophilus influenzae
US-10-366-548-7

Query Match          0.2%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      6678 GACGTATTATTATTAT 6697
Db      1 GATGTATTATTATTGT 20

RESULT 1698
US-09-263-959-772
; Sequence 772, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
```

```
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 683-6031
; INFORMATION FOR SEQ ID NO: 772:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-772
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Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      4463 CTTTCTTTCTTTCTTTT 4482
Db      4 CTTTCTTTCTTTCTTTT 23
```

```
RESULT 1699
US-09-964-261-189/c
; Sequence 189, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Rosbau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: ICGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 189
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-189
```

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Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      5151 GGGAGGGAGTTCTCCTGGG 5170
Db      23 GGGAGGAGAMTCCTCTGGG 4
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```
RESULT 1700
US-09-771-933-140
; Sequence 140, Application US/09771933
; Publication No. US2003002387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 140
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-140

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7009 ATTTCTCTTTACAGAGA 7028
Db      4 ATTTCTGCTTGACAGAGA 23
|||||
|||||

RESULT 1701
US-10-024-017-4
; Sequence 4, Application US/10024017
; Publication No. US20030078210A1
; GENERAL INFORMATION:
; APPLICANT: Dalton, William S.
; APPLICANT: Damiano, Jason S.
; APPLICANT: Cress, Anne E.
; TITLE OF INVENTION: Compounds and Methods For Modulating Cell-Adhesion Mediated Drug
; FILE REFERENCE: USF-T140XC1
; CURRENT APPLICATION NUMBER: US/10/024,017
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 60/186,198
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/795,484
; PRIOR FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: downstream primer
US-10-024-017-4

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5729 CTGGCTTCCTTCCTTCCTTC 5748
Db      3 CTGGCTTCCTTCCTTCCTTC 22
|||||
|||||

RESULT 1702
US-10-075-425-24/c
; Sequence 24, Application US/10075425
```

```
; Publication No. US20020150939A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Rotter, Jerome I.
; APPLICANT: Yang, Huiping
; TITLE OF INVENTION: Methode of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CE 3639
; CURRENT APPLICATION NUMBER: US/10/075,425
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US/09/395,345
; PRIOR FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-425-24

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5179 CTCTGATGTTCTCCACTTG 5198
Db      21 CTCTGAGGTTCTCCCATG 2
|||||
|||||

RESULT 1703
US-10-024-018-1
; Sequence 1, Application US/10024018
; Publication No. US20030004140A1
; GENERAL INFORMATION:
; APPLICANT: University of South Florida
; TITLE OF INVENTION: METHODS FOR MODULATING CELL-ADHESION MEDIATED DRUG
; FILE REFERENCE: 215101.01403
; CURRENT APPLICATION NUMBER: US/10/024,018
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: US 09/795,474
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 60/186,199
; PRIOR FILING DATE: 2000-03-01
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 1
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-024-018-1

Query Match          0.2%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5729 CTGGCTTCCTTCCTTCCTTC 5748
Db      3 CTGGCTTCCTTCCTTCCTTC 22
|||||
|||||

RESULT 1704
US-10-090-182A-1/c
; Sequence 1, Application US/10090182A
; Publication No. US20030103936A1
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maire H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
```

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      Paik, Kumnan
      Thomas, John W.
      TITLE OF INVENTION: Methods of Ex-vivo Expansion of
      Hematopoietic Cells Using Interleukin-3 (IL-3) Multiple
      Mutation Polypeptides
      NUMBER OF SEQUENCES: 415
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: S. Christopher Bauer, Pharmacia Corp
      Corporate Patent Dept. Mail Zone 04E
      STREET: 800 N. Lindbergh Blvd.
      CITY: St. Louis
      STATE: Missouri
      COUNTRY: USA
      ZIP: 63167
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: Patentin Release #1.0, Version #1.25
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/090,182A
      FILING DATE: 03-Apr-2002
      CLASSIFICATION: <Unknown>
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/764,114
      FILING DATE: 09-DEC-1996
      APPLICATION NUMBER: US 07/981,044
      FILING DATE: 24-NOV-1992
      APPLICATION NUMBER: PCT/US93/11197
      FILING DATE: 22-NOV-1993
      APPLICATION NUMBER: 08/411,795
      FILING DATE: 04-JUN-1995
      ATTORNEY/AGENT INFORMATION:
      NAME: S. Christopher Bauer
      REGISTRATION NUMBER: 42,305
      REFERENCE/DOCKET NUMBER: C2713/12
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (636)737-6257
      TELEFAX: (736)737-6257
      INFORMATION FOR SEQ ID NO: 1:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 23 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: DNA (synthetic)
      SEQUENCE DESCRIPTION: SEQ ID NO: 1:
      US-10-090-182A-1
      Query Match      0.2%; Score 15.2; DB 1; Length 23;
      Best Local Similarity 85.0%; Pred. No. 1.4e+03;
      Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
      QY      3735 ACCTTTTAAAGATCACA 3754
      DB      21 ACCTTATTAAAGATCGCTA 2
      RESULT 1705
      US-10-251-598-39/c
      Sequence 39, Application US/10251598
      Publication No. US20030170668A1
      GENERAL INFORMATION:
      APPLICANT: Deterra-Wadleigh, Sevilla D.
      Gershon, Elliot S.
      Badner, Judith A.
      Goldin, Lynn R.
      Berrettini, Wade H.
      Yoshikawa, Takeo
      Sanders, Alan R.
      Esterling, Lisa E.
      TITLE OF INVENTION: Chromosomal Markers and Diagnostic
      Tests for Manic-Depressive Illness
```

```

      NUMBER OF SEQUENCES: 197
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: Townsend and Townsend and Crew LLP
      STREET: Two Embarcadero Center, Eighth Floor
      CITY: San Francisco
      STATE: CA
      COUNTRY: USA
      ZIP: 94111-3834
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Diskette
      COMPUTER: IBM Compatible
      OPERATING SYSTEM: DOS
      SOFTWARE: FastSeq for Windows Version 2.0
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/251,598
      FILING DATE: 19-Sep-2002
      CLASSIFICATION: <Unknown>
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US/09/091,952
      FILING DATE: 19-Apr-1999
      APPLICATION NUMBER: US 60/029,278
      FILING DATE: 28-OCT-1996
      APPLICATION NUMBER: PCT/US97/19381
      FILING DATE: 28-OCT-1997
      ATTORNEY/AGENT INFORMATION:
      NAME: Smith, Timothy L.
      REGISTRATION NUMBER: 35,367
      REFERENCE/DOCKET NUMBER: 015280-297100US
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (415) 576-0200
      TELEFAX: (415) 576-0300
      INFORMATION FOR SEQ ID NO: 39:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 23 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULE TYPE: DNA
      FEATURE:
      NAME/KEY: -
      LOCATION: 1...23
      OTHER INFORMATION: D188996 forward primer
      SEQUENCE DESCRIPTION: SEQ ID NO: 39:
      US-10-251-598-39
      Query Match      0.2%; Score 15.2; DB 1; Length 23;
      Best Local Similarity 85.0%; Pred. No. 1.4e+03;
      Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
      QY      7108 GAAATGAAATTAAGTCTTCC 7127
      DB      23 GAAATTAATAATGCGCTTCC 4
      RESULT 1706
      US-10-118-854-38/c
      Sequence 38, Application US/10118854
      Publication No. US20030194754A1
      GENERAL INFORMATION:
      APPLICANT: Bates, Paula J
      Miller, Donald M
      Trent, John O
      APPLICANT: Xu, Xiaohua
      TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
      FILE REFERENCE: 9799910-
      CURRENT APPLICATION NUMBER: US/10/118,854
      NUMBER OF SEQ ID NOS: 38
      SOFTWARE: Patentin version 3.2
      SEQ ID NO 38
      LENGTH: 23
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TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: synthetic oligonucleotide  
US-10-118-854-38

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCACCCCTCACCCTC 3017  
Db 23 CCCCACCCCTCACCCTC 4

RESULT 1707  
US-10-078-113-1/C  
Sequence 1, Application US/10078113  
Publication No. US20030220472A1  
GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

Bauer, S. C.

Bratford-Goldberg, Sarah R.

Capaton, Maïre H.

Easton, Alan M.

Klein, Barbara K.

McKearn, John P.

Oline, Peter O.

Paik, Kumman

Thomas, John W.

TITLE OF INVENTION: Interleukin-3 (IL-3) Multiple Mutation  
Polypeptides

NUMBER OF SEQUENCES: 415

CORRESPONDENCE ADDRESS:

ADDRESSER: Dennis A. Bennett, G.D. Searle & Co.,

STREET: P. O. Box 5110

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60680

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/078,113

FILING DATE: 19-Feb-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/469,419

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/411,795

FILING DATE: <Unknown>

APPLICATION NUMBER: PCT/US93/11197

FILING DATE: 22-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547

REFERENCE/DOCKET NUMBER: C2713/2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (708) 470-6501

TELEFAX: (708) 470-6881

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-10-078-113-1

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3735 AGCTTTTAAAGATCACA 3754  
Db 21 AGCTTTTAAAGATCACA 2

RESULT 1708  
US-10-179-940-1/C

Sequence 1, Application US/10179940

Publication No. US20040018618A1

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

Bauer, S. C.

Bratford-Goldberg, Sarah R.

Capaton, Maïre H.

Easton, Alan M.

Klein, Barbara K.

McKearn, John P.

Oline, Peter O.

Paik, Kumman

Polazzi, Joseph O.

Thomas, John W.

TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides

Polypeptides

NUMBER OF SEQUENCES: 549

CORRESPONDENCE ADDRESS:

ADDRESSER: Carol M. Nielsen, Gardere Wynne Sewell LLP,

STREET: 1601 Elm Street, Suite 3000

CITY: Dallas

STATE: Texas

COUNTRY: USA

ZIP: 75201-4761

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/179,940

FILING DATE: 19-Jun-2002

CLASSIFICATION: Unknown

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/981044

FILING DATE: 24-NOV-1992

APPLICATION NUMBER: PCT/US93/11198

FILING DATE: 22-NOV-1993

APPLICATION NUMBER: US 08/411796

FILING DATE: 09-APR-1995

APPLICATION NUMBER: US 08/559390

FILING DATE: 15-NOV-1995

ATTORNEY/AGENT INFORMATION:

NAME: Carol M. Nielsen

REGISTRATION NUMBER: 37,676

REFERENCE/DOCKET NUMBER: 126181-1056 (C2713/1)

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 276-5383

TELEFAX: (713) 276-5555

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-10-179-940-1

QY 3735 AGCTTTTAAAGATCACA 3754

Db 21 AGCTTATTAAAGATCGCTA 2

## RESULT 1709

US-10-309-290-222/c

; Sequence 222, Application US/10309290

; Publication No. US20040023241A1

; GENERAL INFORMATION:

; APPLICANT: Alsobrook II, John P.

; APPLICANT: Anderson, David W.

; APPLICANT: Boldog, Ferenc L.

; APPLICANT: Burgess, Catherine E.

; APPLICANT: Chilikun, Rajeev A.

; APPLICANT: Edinger, Shlomit R.

; APPLICANT: Gerlach, Valerie L.

; APPLICANT: Gould-Rothberg, Bonnie E.

; APPLICANT: Guo, Xiaojia

; APPLICANT: Jeffers, Michael E.

; APPLICANT: Ji, Weizhen

; APPLICANT: Li, Li

; APPLICANT: Malysankar, Uriel M.

; APPLICANT: Miller, Charles E.

; APPLICANT: Murphey, Ryan

; APPLICANT: Paturajan, Meera

; APPLICANT: Peyman, John A.

; APPLICANT: Raestell, Luca

; APPLICANT: Rieger, Daniel K.

; APPLICANT: Shenoy, Suresh G.

; APPLICANT: Smithson, Glenda

; APPLICANT: Starling, Gary

; APPLICANT: Taupier, Raymond J.

; APPLICANT: Voss, Edward Z.

; APPLICANT: Zhong, Haihong

; APPLICANT: Zhong, Mei

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-502A

; CURRENT FILING DATE: 2002-12-02

; PRIOR FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: 60/336,600

; PRIOR FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: 60/338,285

; PRIOR FILING DATE: 2001-12-07

; PRIOR APPLICATION NUMBER: 60/341,346

; PRIOR FILING DATE: 2001-12-12

; PRIOR APPLICATION NUMBER: 60/341,477

; PRIOR FILING DATE: 2001-12-17

; PRIOR APPLICATION NUMBER: 60/341,540

; PRIOR FILING DATE: 2001-12-17

; PRIOR APPLICATION NUMBER: 60/342,592

; PRIOR FILING DATE: 2001-12-20

; PRIOR APPLICATION NUMBER: 60/344,297

; PRIOR FILING DATE: 2001-12-27

; PRIOR APPLICATION NUMBER: 60/380,981

; PRIOR FILING DATE: 2002-05-15

; Remaining Prior Application data removed - See file wrapper or PALM.

; NUMBER OF SEQ ID NOS: 274

; SOFTWARE: Curaseqlast version 0.1

; SEQ ID NO 222

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

; US-10-309-290-222

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4987 GGCACAGCCCGCTGAGGA 5006

Db 22 GGCACAGTCCCGAGTGAAGA 3

## RESULT 1710

US-10-287-092-53/c

; Sequence 53, Application US/10287092

; Publication No. US20040076967A1

; GENERAL INFORMATION:

; APPLICANT: Kekkuda, Ramesh

; APPLICANT: Paturajan, Meera

; APPLICANT: Zhong, Mei

; APPLICANT: Taupier, Raymond J.

; APPLICANT: Caterton, Elina

; APPLICANT: Li, Li

; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C

; FILE REFERENCE: 21402-780D

; CURRENT APPLICATION NUMBER: US/10/287,092

; CURRENT FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: 60/333,072

; PRIOR FILING DATE: 2001-11-06

; PRIOR APPLICATION NUMBER: 60/348,283

; PRIOR FILING DATE: 2001-11-09

; PRIOR APPLICATION NUMBER: 60/332,152

; PRIOR FILING DATE: 2001-11-21

; PRIOR APPLICATION NUMBER: 60/334,300

; PRIOR FILING DATE: 2001-11-29

; NUMBER OF SEQ ID NOS: 69

; SOFTWARE: Curaseqlast version 0.1

; SEQ ID NO 53

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

; US-10-287-092-53

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 4167 TGGCTAGGTAGGAGGGGT 4186

Db 23 TGGCTTGGCAGGAGGGGTT 4

## RESULT 1711

US-10-607-455-38/c

; Sequence 38, Application US/10607455

; Publication No. US20040132049A1

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT

; FILE REFERENCE: 09799910-0034

; CURRENT APPLICATION NUMBER: US/10/607,455

; CURRENT FILING DATE: 2003-06-26

; PRIOR APPLICATION NUMBER: 60/392,143

; PRIOR FILING DATE: 2002-06-26

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 38

; LENGTH: 23

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide

; US-10-607-455-38

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2998 CCCCCCCTCTGACCCCATC 3017  
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Db 23 CCCCACCCACACCCCAAC 4

RESULT 1712  
US-10-665-951-2006/c  
; Sequence 2006, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sina Therapeutics, Inc.  
; APPLICANT: McSwigen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Payco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)  
; FILE REFERENCE: 400/131 (MEH02-742-F)  
; CURRENT FILING DATE: US/10/665,951  
; PRIOR APPLICATION NUMBER: US/10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2455  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2006  
; LENGTH: 23  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense  
US-10-665-951-2006

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5322 CTTTCTCTCTGCTCA 5341  
|||||  
Db 21 CTTCTCTCTCTGCTCA 2

RESULT 1713  
US-10-762-888-6  
; Sequence 6, Application US/10762888  
; Publication No. US2004017155A1  
; GENERAL INFORMATION:  
; APPLICANT: d'Apice, Anthony J.F.  
; Pearse, Martin J.  
; Robins, Allan J.

Crawford, Robert J.  
Rathjen, Peter D.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR MANAGEMENT OF  
HYPERACTUE REJECTION IN HUMAN XENOTRANSPLANTATION  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Fish & Richardson  
STREET: 120 South Sixth Street, Suite 2500  
CITY: Minneapolis  
STATE: MN

COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.308

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/762,888

FILING DATE: 21-Jan-2004

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/984,900

FILING DATE: 04-DEC-1997

APPLICATION NUMBER: US 08/378,617

FILING DATE: 26-JAN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Ellinger, Mark S.

REGISTRATION NUMBER: 34,812

REFERENCE/DOCKET NUMBER: 06868/005001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (612) 335-5070

TELEFAX: (612) 288-9696

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 23 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-10-762-888-6

Query Match 0.2%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4459 TGGACTTTTCTTTTCTTTT 4478  
|||||  
Db 2 TTGATTCCTTTTCTTTTCTTTT 21

RESULT 1714  
US-10-309-775A-22/c  
; Sequence 22, Application US/10309775A  
; Publication No. US2004006032A1  
; GENERAL INFORMATION:  
; APPLICANT: LOPEZ, Ricardo A.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF  
; FILE REFERENCE: 2901/0M327  
; CURRENT APPLICATION NUMBER: US/10/309,775A  
; PRIOR FILING DATE: 2002-12-04  
; PRIOR APPLICATION NUMBER: CA 2,388,049  
; PRIOR FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 22  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR primer  
US-10-309-775A-22

Query Match 0.2%; Score 15.2; DB 1; Length 24;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4022 AAAAGAGAGAAAACAAATG 4041

DB 24 AAAAAAAAAAAAAACAAATG 5

RESULT 1715

US-10-257-332B-9  
Sequence 9, Application US/10257332B

Publication No. US20040058418A1

GENERAL INFORMATION:

APPLICANT: KYOMA HAKKO KOGYO CO., LTD.

TITLE OF INVENTION: Production of alpha 1,2-fucosyltransferase and complex carbohydrate

TITLE OF INVENTION: containing

FILE REFERENCE: 766.62

CURRENT APPLICATION NUMBER: US/10/257,332B

PRIOR FILING DATE: 2003-03-06

PRIOR APPLICATION NUMBER: JP 00/109148

PRIOR FILING DATE: 2000-04-11

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 9

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-257-332B-9

Query Match 0.2%; Score 15.2; DB 1; Length 24;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCT 3128

DB 5 AATTCATGTTTGACAGCT 24

RESULT 1716

US-10-746-264-21

Sequence 21, Application US/10746264

Publication No. US20040171106A1

GENERAL INFORMATION:

APPLICANT: KYOMA HAKKO KOGYO CO., LTD.

TITLE OF INVENTION: Process for producing dipeptides

FILE REFERENCE: 1154US1

CURRENT APPLICATION NUMBER: US/10/746,264

PRIOR FILING DATE: 2003-12-29

PRIOR APPLICATION NUMBER: JP 2002-376054

PRIOR FILING DATE: 2002-12-26

PRIOR APPLICATION NUMBER: JP 2003-420887

PRIOR FILING DATE: 2003-12-18

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 21

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

US-10-746-264-21

Query Match 0.2%; Score 15.2; DB 1; Length 24;  
Best Local Similarity 85.0%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3109 AAGACTCATGCTTGACAGCT 3128

DB 11 AATTCATGTTTGACAGCT 24

DB 5 AATTCATGTTTGACAGCT 24

RESULT 1717

US-09-504-231A-22  
Sequence 22, Application US/09504231A

Patent No. US20020013458A1

GENERAL INFORMATION:

APPLICANT: Biact, Lawrence

APPLICANT: McSwiggan, James

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

FILE REFERENCE: tpi 247/282

CURRENT APPLICATION NUMBER: US/09/504,231A

PRIOR FILING DATE: 2000-02-15

PRIOR APPLICATION NUMBER: 09/274,553

PRIOR FILING DATE: 1998-03-23

PRIOR APPLICATION NUMBER: 09/257,608

PRIOR FILING DATE: 1999-02-24

PRIOR APPLICATION NUMBER: 60/100,842

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217

PRIOR FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 3242

SOFTWARE: PatentIn version 3.0

SEQ ID NO 22

LENGTH: 15

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-22

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 0.0%; Pred. No. 8.5e+02;

Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

DB 1 UUUUUUUUUUUUUU 15

RESULT 1718

US-09-930-218-5

Sequence 5, Application US/09930218

Patent No. US20020034810A1

GENERAL INFORMATION:

APPLICANT: goldsmith, orle

APPLICANT: pecker, iris

APPLICANT: vlodavsky, israel

APPLICANT: israel, michal

TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H

TITLE OF INVENTION: HEPARINASE ACTIVITY

FILE REFERENCE: 01/22335

CURRENT APPLICATION NUMBER: US/09/930,218

PRIOR FILING DATE: 2001-08-16

PRIOR APPLICATION NUMBER: 09/666,390

PRIOR FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.1

SEQ ID NO 5

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE: OTHER INFORMATION: synthetic polynucleotide

US-09-930-218-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTTTTTTTTTTTT 4478  
|||||  
Db 1 TTTTTTTTTTTTTT 15

RESULT 1719  
US-09-274-553D-22  
; Sequence 22, Application US/09274553D  
; Patent No. US2002008225A1  
; GENERAL INFORMATION:  
; APPLICANT: Blatt, Lawrence  
; APPLICANT: McSwiggen, James  
; APPLICANT: Roberts, Beth  
; APPLICANT: Pavco, Pamela  
; APPLICANT: Macejak, Dennis  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE  
; FILE REFERENCE: rpi 247/282  
; CURRENT APPLICATION NUMBER: US/09/274,553D  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 09/257,608  
; PRIOR FILING DATE: 1999-02-24  
; PRIOR APPLICATION NUMBER: 60/100,842  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/083,217  
; PRIOR FILING DATE: 1998-04-27  
; NUMBER OF SEQ ID NOS: 3148  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 22  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target  
US-09-274-553D-22

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 0.0%; Pred. No. 8.5e+02;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478  
|||||  
Db 1 UUUUUUUUUUUU 15

RESULT 1720  
US-09-776-874A-5  
; Sequence 5, Application US/09776874A  
; Patent No. US20020102560A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Iris  
; APPLICANT: Vlodevsky, Israel  
; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; FILE REFERENCE: 01/22603  
; CURRENT APPLICATION NUMBER: US/09/776,874A  
; CURRENT FILING DATE: 2001-12-12  
; PRIOR APPLICATION NUMBER: US 08/922,170  
; PRIOR FILING DATE: 1997-09-02  
; PRIOR APPLICATION NUMBER: US 09/109,386  
; PRIOR FILING DATE: 1998-07-10  
; PRIOR APPLICATION NUMBER: PCT/US98/17954  
; PRIOR FILING DATE: 1998-08-31  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide  
US-09-776-874A-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478  
|||||  
Db 1 TTTTTTTTTTTTTT 15

RESULT 1721  
US-09-955-410-17  
; Sequence 17, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: ISIS4800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1e1 Sequence  
US-09-955-410-17

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478  
|||||  
Db 1 TTTTTTTTTTTTTT 15

RESULT 1722  
US-09-955-410-18/c  
; Sequence 18, Application US/09955410  
; Patent No. US20020146718A1  
; GENERAL INFORMATION:  
; APPLICANT: Buchardt, Ole  
; APPLICANT: Egholm, Michael  
; APPLICANT: Nielsen, Peter Eigil  
; APPLICANT: Berg, Rolf Henrik  
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases  
; FILE REFERENCE: ISIS4800  
; CURRENT APPLICATION NUMBER: US/09/955,410  
; CURRENT FILING DATE: 2001-09-18  
; PRIOR APPLICATION NUMBER: 08/108,591  
; PRIOR FILING DATE: 1993-11-22  
; PRIOR APPLICATION NUMBER: 09/686,114  
; PRIOR FILING DATE: 1996-07-24  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 18  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. US20020146718A1e1 Sequence

US-09-955-410-18

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1723

US-09-805-296D-10

Sequence 10, Application US/09805296D

Patent No. US20020155989A1

GENERAL INFORMATION:

APPLICANT: Active Motif

APPLICANT: Efimov, Vladimir

APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy

APPLICANT: Archdeacon, John

APPLICANT: Chakmakcheu, Oksana

APPLICANT: Buryakova, Alla

APPLICANT: Choob, Mikhail

APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE

FILE REFERENCE: AM102.P.1US

CURRENT APPLICATION NUMBER: US/09/805,296D

CURRENT FILING DATE: 2001-03-13

PRIOR APPLICATION NUMBER: US 60/189,190

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/250,334

PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patentin version 3.1

SEQ ID NO 10

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Construct

NAME/KEY: misc feature

OTHER INFORMATION: SyntheticConstruct

US-09-805-296D-10

Query Match

Best Local Similarity 100.0%; Score 15; DB 1; Length 15;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1724

US-09-983-210-19

Sequence 19, Application US/09983210

Patent No. US20020160383A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN

TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES

NUMBER OF SEQUENCES: 40

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/983,210

FILING DATE: 2001-OCT-23

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/150156

FILING DATE: 1994-APR-05

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0986/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0987/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0510/92

FILING DATE: 15-APR-1992

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

PUBLICATION INFORMATION:

DOCUMENT NUMBER: WO PCT/EP92/01220

FILING DATE: 22-MAY-1992

US-09-983-210-19

Query Match 0.2%; Score 15; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 8.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1725

US-09-983-210-20/c

Sequence 20, Application US/09983210

Patent No. US20020160383A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN

TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES

NUMBER OF SEQUENCES: 40

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/983,210

FILING DATE: 2001-OCT-23

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/150156

FILING DATE: 1994-APR-05

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0986/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0987/91

FILING DATE: 24-MAY-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DK 0510/92

FILING DATE: 15-APR-1992

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

PUBLICATION INFORMATION:

DOCUMENT NUMBER: WO PCT/EP92/01220

FILING DATE: 22-MAY-1992  
US-09-983-210-20

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1726  
US-09-850-982B-4  
; Sequence 4, Application US/09850982B  
; Patent No. US20020166145A1  
; GENERAL INFORMATION:  
; APPLICANT: Nestec S.A.  
; TITLE OF INVENTION: COFFEE MANNANASE  
; FILE REFERENCE: 88265-4025  
; CURRENT APPLICATION NUMBER: US/09/850,982B  
; CURRENT FILING DATE: 2001-05-08  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotides provided by Eurogentec (Parc Scientifi  
; OTHER INFORMATION: que due Sarte Tilmann (Sarte Tilmann Scientific Park)-4102 Sersaing-Be  
US-09-850-982B-4

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1727  
US-09-988-113-5  
; Sequence 5, Application US/099888113  
; Patent No. US20020168749A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Iris  
; APPLICANT: Vlodavsky, Israel  
; APPLICANT: Feinseid, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; FILE REFERENCE: 01/22781  
; CURRENT APPLICATION NUMBER: US/09/988,113  
; CURRENT FILING DATE: 2001-11-19  
; PRIOR APPLICATION NUMBER: US 09/776,874  
; PRIOR FILING DATE: 2001-02-06  
; PRIOR APPLICATION NUMBER: US09/258,892  
; PRIOR FILING DATE: 1999-03-01  
; PRIOR APPLICATION NUMBER: PCT/US98/17954  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: US 09/109,366  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: US 08/922,170  
; PRIOR FILING DATE: 1997-09-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide  
US-09-988-113-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1728  
US-09-793-146-54  
; Sequence 54, Application US/09793146  
; Publication No. US20030203359A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, EUGEN  
; APPLICANT: BREIPOHL, GERHARD  
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR  
; FILE REFERENCE: 02481.1437-02  
; CURRENT APPLICATION NUMBER: US/09/793,146  
; CURRENT FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: P 44 08 528.1  
; PRIOR FILING DATE: 1994-03-14  
; PRIOR APPLICATION NUMBER: 08/402,838  
; PRIOR FILING DATE: 1995-03-13  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 54  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA  
US-09-793-146-54

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1729  
US-09-793-146-55  
; Sequence 55, Application US/09793146  
; Publication No. US20030203359A1  
; GENERAL INFORMATION:  
; APPLICANT: UHLMANN, EUGEN  
; APPLICANT: BREIPOHL, GERHARD  
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR  
; FILE REFERENCE: 02481.1437-02  
; CURRENT APPLICATION NUMBER: US/09/793,146  
; CURRENT FILING DATE: 2001-02-27  
; PRIOR APPLICATION NUMBER: P 44 08 528.1  
; PRIOR FILING DATE: 1994-03-14  
; PRIOR APPLICATION NUMBER: 08/402,838  
; PRIOR FILING DATE: 1995-03-13  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 55  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA  
US-09-793-146-55

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1730  
US-10-433-005-4  
; Sequence 4, Application US/10433005  
; Publication No. US20040072289A1  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Jinhuan  
; APPLICANT: Piao, Hai Lan  
; TITLE OF INVENTION: Novel Transcriptional Factor Enhancing the Resistance  
; TITLE OF INVENTION: of Plants to Osmotic Stress  
; FILE REFERENCE: 012679-089  
; CURRENT APPLICATION NUMBER: US/10/433,005  
; CURRENT FILING DATE: 2003-07-22  
; PRIOR APPLICATION NUMBER: PCT/KR01/00364  
; PRIOR FILING DATE: 2001-03-09  
; PRIOR APPLICATION NUMBER: KR 10-2000-72720  
; PRIOR FILING DATE: 2000-02-12  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 3' primer for construction of subtraction library of osmotic  
US-10-433-005-4

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1731  
US-10-637-935-9  
; Sequence 9, Application US/10637935  
; Publication No. US20040033525A1  
; GENERAL INFORMATION:  
; APPLICANT: Montforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; APPLICANT: Pollart, Daniel J.  
; APPLICANT: Shaler, Thomas A.  
; TITLE OF INVENTION: Releaseable No. US20040033525A1 volatile Mass-Label Molecules  
; FILE REFERENCE: 24736-2057E  
; CURRENT APPLICATION NUMBER: US/10/637,935  
; CURRENT FILING DATE: 2003-08-07  
; PRIOR APPLICATION NUMBER: US 10/202,189  
; PRIOR FILING DATE: 2002-07-22  
; PRIOR APPLICATION NUMBER: US 08/988,024  
; PRIOR FILING DATE: 1997-12-10  
; PRIOR APPLICATION NUMBER: US 60/033,037  
; PRIOR FILING DATE: 1996-12-10  
; PRIOR APPLICATION NUMBER: US 60/046,719  
; PRIOR FILING DATE: 1997-05-16  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Oligonucleotide  
US-10-637-935-9

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1732  
US-10-239-655A-4  
; Sequence 4, Application US/10239655A  
; Publication No. US20040048816A1  
; GENERAL INFORMATION:  
; APPLICANT: ZOHLHOFFER, DIETLIND  
; APPLICANT: BAUERLE, PATRICK  
; APPLICANT: KLEIN, CHRISTOPH  
; APPLICANT: NEUMANN, FRANZ-JOSEF  
; TITLE OF INVENTION: RESTENOSIS TREATMENT  
; FILE REFERENCE: 023976/0103  
; CURRENT APPLICATION NUMBER: US/10/239,655A  
; CURRENT FILING DATE: 2003-02-02  
; PRIOR APPLICATION NUMBER: PCT/EP01/03312  
; PRIOR FILING DATE: 2001-03-23  
; PRIOR APPLICATION NUMBER: EP 00106468.2  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-239-655A-4

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1733  
US-10-291-808-68  
; Sequence 68, Application US/10291808  
; Publication No. US20030224382A1  
; GENERAL INFORMATION:  
; APPLICANT: McClelland, Michael  
; APPLICANT: Welsh, John  
; APPLICANT: Trenkle, Thomas  
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of  
; FILE REFERENCE: P-PH 3457  
; CURRENT APPLICATION NUMBER: US/10/291,808  
; CURRENT FILING DATE: 2002-11-07  
; PRIOR APPLICATION NUMBER: US/09/300,958  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/083,331  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/098,070  
; PRIOR FILING DATE: 1998-08-27  
; PRIOR APPLICATION NUMBER: 60/118,624  
; PRIOR FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 68  
; LENGTH: 15

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-68
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          1 TTTT TTTT TTTT TTTT 15
```

```
RESULT 1734
US-10-208-357-21/C
; Sequence 21, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kuhse, Markus
; APPLICANT: Wagner, Peter
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PASTESEQ for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-21
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          1 TTTT TTTT TTTT TTTT 1
```

```
RESULT 1735
US-10-176-055-9/C
; Sequence 9, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Hairpin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; FEATURE:
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
```

```
; OTHER INFORMATION: complementary to the sequence of complementary
; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-9
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          1 TTTT TTTT TTTT TTTT 1
```

```
RESULT 1736
US-10-202-189-9
; Sequence 9, Application US/10202189
; Publication No. US20030022225A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20030022225A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057D
; CURRENT FILING DATE: US/10/202,189
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER:
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PASTESEQ for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-202-189-9
```

```
Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      4464 TTTT TTTT TTTT TTTT 4478
          |||||
          1 TTTT TTTT TTTT TTTT 15
```

```
RESULT 1737
US-10-072-975-10
; Sequence 10, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakcheau, Okeana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; FILE REFERENCE: AM102.P.1.1US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
```

```

; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: SyntheticConstruct
US-10-072-975-10

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1738
US-10-227-001-23
; Sequence 23, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrova
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
; OTHER INFORMATION: conjugate
US-10-227-001-23

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1739
US-10-051-436-10
; Sequence 10, Application US/10051436
; Publication No. US20030138045A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Docolny
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmahcheau, Oksana
```

```

; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: J.Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; FILE REFERENCE: AM102.P.1US
; CURRENT APPLICATION NUMBER: US/10/051,436
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: SyntheticConstruct
US-10-051-436-10

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1740
US-10-341-582-5
; Sequence 5, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodavsky
; APPLICANT: Oron Jacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1741
US-10-106-749-1
; Sequence 1, Application US/10106749
; Publication No. US20030165879A1
; GENERAL INFORMATION:
; APPLICANT: Inscent, Inc.
; APPLICANT: Woods, Daniel
; APPLICANT: Dimitrios, Spiros
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE
```

; TITLE OF INVENTION: INVOLVED IN OLFACTION AND IDENTIFYING ACTIVE EFFECTORS  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-1

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1742  
US-10-106-749-5  
; Sequence 5, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Inscant, Inc.  
; APPLICANT: Woods, Daniel  
; APPLICANT: Dittatore, Spiros  
; TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECH  
; TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLAT  
; FILE REFERENCE: INS-00101.P.1.1  
; CURRENT APPLICATION NUMBER: US/10/106,749  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,168  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 60/353,392  
; PRIOR FILING DATE: 2002-01-31  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Construct  
US-10-106-749-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1743  
US-10-384-451-5  
; Sequence 5, Application US/10384451  
; Publication No. US20030170860A1  
; GENERAL INFORMATION:  
; APPLICANT: Pecker, Iris  
; APPLICANT: Vlodavsky, Israel  
; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
; FILE REFERENCE: 25718  
; CURRENT APPLICATION NUMBER: US/10/384,451  
; CURRENT FILING DATE: 2003-03-10  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-384-451-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1744  
US-10-269-031A-54  
; Sequence 54, Application US/10269031A  
; Publication No. US20030175749A1  
; GENERAL INFORMATION:  
; APPLICANT: JONG-YOON, CHUN  
; TITLE OF INVENTION: ANNEALING CONTROL PRIMER AND ITS USES  
; FILE REFERENCE: 64488-012  
; CURRENT APPLICATION NUMBER: US/10/269,031A  
; CURRENT FILING DATE: 2002-10-11  
; PRIOR APPLICATION NUMBER: 10/014,496  
; PRIOR FILING DATE: 2001-12-14  
; PRIOR APPLICATION NUMBER: PCT/KR01/02133  
; PRIOR FILING DATE: 2001-12-08  
; NUMBER OF SEQ ID NOS: 125  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 54  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-269-031A-54

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1745  
US-10-352-704-10  
; Sequence 10, Application US/10352704  
; Publication No. US20030176590A1  
; GENERAL INFORMATION:  
; APPLICANT: Chatelain, Francois  
; APPLICANT: Kumarev, Viktor  
; TITLE OF INVENTION: Process for preparing polynucleotides on  
a Solid Support and Apparatus Permitting its  
Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
ADDRESS: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
STATE: D.C.  
COUNTRY: U.S.A.

ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704  
FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..15  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-10-352-704-10  
Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15  
RESULT 1746  
US-10-352-704-16/C  
Sequence 16, Application US/10352704  
Publication No. US20030176690A1  
GENERAL INFORMATION:  
APPLICANT: Chatelet, Francois  
Kumarev, Viktor  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
a Solid Support and Apparatus Permitting its  
Implementation  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/352,704

FILING DATE: 28-Jan-2003  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
FILING DATE: 14-DEC-1994  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..15  
SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
US-10-352-704-16

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 15 TTTT TTTT TTTT TTTT TTTT 1

RESULT 1747  
US-10-154-890-17  
Sequence 17, Application US/10154890  
Publication No. US20030180734A1  
GENERAL INFORMATION:  
APPLICANT: Buchardt, Ole  
APPLICANT: Egholm, Michael  
APPLICANT: Nielsen, Peter Eigil  
APPLICANT: Berg, Rolf Henrik  
TITLE OF INVENTION: Peptide Nucleic Acids  
FILE REFERENCE: IS150540  
CURRENT APPLICATION NUMBER: US/10/154,890  
CURRENT FILING DATE: 2002-05-23  
PRIOR APPLICATION NUMBER: US/08/108,591  
PRIOR FILING DATE: 2001-08-13  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 17  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. US20030180734A1 Sequence  
US-10-154-890-17

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

```
RESULT 1748
US-10-154-890-18/c
; Sequence 18, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Esgil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISI50540
; CURRENT APPLICATION NUMBER: US/10/154, 890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-18

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      15 TTTT TTTT TTTT TTTT 1

RESULT 1749
US-10-431-438-5
; Sequence 5, Application US/10431438
; Publication No. US20030180788A1
; GENERAL INFORMATION:
; APPLICANT: goldsmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 26013
; CURRENT APPLICATION NUMBER: US/10/431,438
; CURRENT FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-10-431-438-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1750
US-10-091-231-2
; Sequence 2, Application US/10091231
; Publication No. US20030181712A1
; GENERAL INFORMATION:
```

```
; APPLICANT: NELSON, Jeffrey S.
; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION
; FILE REFERENCE: 4688US
; CURRENT APPLICATION NUMBER: US/10/091,231
; CURRENT FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/274,309
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-091-231-2

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1751
US-10-384-450-5
; Sequence 5, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-5

Query Match          0.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478
      |||||
      1 TTTT TTTT TTTT TTTT 15

RESULT 1752
US-10-371-218A-5
; Sequence 5, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; APPLICANT: Goldschmidt, Orit
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
; FILE REFERENCE: 25783
; CURRENT APPLICATION NUMBER: US/10/371,218A
```

/ CURRENT FILING DATE: 2003-07-01  
/ NUMBER OF SEQ ID NOS: 51  
/ SOFTWARE: PatentIn version 3.2  
/ SEQ ID NO 5  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Single strand DNA oligonucleotide  
US-10-371-218A-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1753  
US-10-045-674-622  
/ Sequence 622, Application US/10045674  
/ Publication No. US200302333A1  
/ GENERAL INFORMATION:  
/ APPLICANT: LADNER, ROBERT C.  
/ APPLICANT: COHEN, EDWARD H.  
/ APPLICANT: NASTRI, HORACIO G.  
/ APPLICANT: ROOKEY, KRISTIN L.  
/ APPLICANT: HOET, RENE  
/ APPLICANT: HOEGENROOM, HENDRICUS R. J. M.  
/ TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING  
/ TITLE OF INVENTION: DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY  
/ TITLE OF INVENTION: OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL  
/ TITLE OF INVENTION: LIBRARIES  
/ FILE REFERENCE: DYAX/002 CIP2  
/ CURRENT APPLICATION NUMBER: US/10/045,674  
/ CURRENT FILING DATE: 2001-10-25  
/ PRIOR APPLICATION NUMBER: 60/198,069  
/ PRIOR FILING DATE: 2000-04-17  
/ PRIOR APPLICATION NUMBER: 09/837,306  
/ PRIOR FILING DATE: 2001-04-17  
/ NUMBER OF SEQ ID NOS: 635  
/ SOFTWARE: PatentIn Ver. 2.1  
/ SEQ ID NO 622  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Illustrative  
US-10-045-674-622

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1754  
US-10-456-573-5  
/ Sequence 5, Application US/10456573  
/ Publication No. US20030236215A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Pecker, Itzhak  
/ APPLICANT: Vlodavsky, Israel  
/ APPLICANT: Feinstein, Elena  
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
/ TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
/ FILE REFERENCE: 25677

/ CURRENT APPLICATION NUMBER: US/10/456,573  
/ CURRENT FILING DATE: 2003-06-09  
/ PRIOR APPLICATION NUMBER: US 09/435,739  
/ PRIOR FILING DATE: 1999-11-08  
/ PRIOR APPLICATION NUMBER: US 09/258,892  
/ PRIOR FILING DATE: 1999-03-01  
/ PRIOR APPLICATION NUMBER: PCT/US98/17954  
/ PRIOR FILING DATE: 1998-08-03  
/ PRIOR APPLICATION NUMBER: US 08/922,170  
/ PRIOR FILING DATE: 1997-09-02  
/ NUMBER OF SEQ ID NOS: 54  
/ SOFTWARE: PatentIn version 3.2  
/ SEQ ID NO 5  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial sequence  
/ FEATURE:  
/ OTHER INFORMATION: Single strand DNA oligonucleotide  
US-10-456-573-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1755  
US-10-360-275-10  
/ Sequence 10, Application US/10360275  
/ Publication No. US2004001464A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Active Motif  
/ APPLICANT: Efimov, Vladimir  
/ APPLICANT: Fernandez, Joseph  
/ APPLICANT: Archdeacon, Dorothy  
/ APPLICANT: Archdeacon, John  
/ APPLICANT: Choob, Mithal  
/ TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE  
/ TITLE OF INVENTION: EXPRESSION  
/ FILE REFERENCE: AM102 P.1.1.1us  
/ CURRENT APPLICATION NUMBER: US/10/360,275  
/ CURRENT FILING DATE: 2003-02-07  
/ PRIOR APPLICATION NUMBER: US 10/072,975  
/ PRIOR FILING DATE: 2002-02-09  
/ PRIOR APPLICATION NUMBER: US 09/805,296  
/ PRIOR FILING DATE: 2001-03-13  
/ PRIOR APPLICATION NUMBER: US 60/189,190  
/ PRIOR FILING DATE: 2000-03-14  
/ NUMBER OF SEQ ID NOS: 37  
/ SOFTWARE: PatentIn version 3.1  
/ SEQ ID NO 10  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Synthetic Construct  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: SyntheticConstruct  
US-10-360-275-10

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
|||||  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 1756  
US-10-344-092-2  
; Sequence 2, Application US/103444092  
; Publication No. US20040087807A1  
; GENERAL INFORMATION:  
; APPLICANT: Raddatz, Stefan  
; APPLICANT: Muller-Ideler, Jochen  
; APPLICANT: Scheltzer, Markus  
; APPLICANT: Brucher, Christoph  
; APPLICANT: Windhab, Norbert  
; APPLICANT: Havens, John R.  
; APPLICANT: Onofrey, Thomas J.  
; APPLICANT: Greef, Charles H.  
; APPLICANT: Wang, Daquang  
; TITLE OF INVENTION: NEW HYDRAZIDE BUILDING BLOCKS AND HYDRAZIDE MODIFIED BIOMOLECULES  
; FILE REFERENCE: 612,406-032  
; CURRENT APPLICATION NUMBER: US/10/344,092  
; CURRENT FILING DATE: 2003-02-07  
; PRIOR APPLICATION NUMBER: PCT/US00/22205  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: PCT/US01/41663  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 2  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Sample oligo  
US-10-344-092-2

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1757  
US-10-785-116-5  
; Sequence 5, Application US/10785116  
; Publication No. US20040142427A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Iris  
; APPLICANT: Vlodevsky, Israel  
; APPLICANT: Feinstein, Elena  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; FILE REFERENCE: 27674  
; CURRENT APPLICATION NUMBER: US/10/785,116  
; CURRENT FILING DATE: 2004-02-25  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-785-116-5

Query Match 0.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1758  
US-09-739-928-3  
; Sequence 3, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.  
; APPLICANT: Lukhtanov, Eugeny A.  
; APPLICANT: Gamber, Howard B.  
; APPLICANT: Meyer Jr., Rich B.  
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
; Groove Binder Conjugates  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/739,928  
; FILING DATE: 11-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/415,370  
; FILING DATE: 03-APR-1995  
; APPLICATION NUMBER: US 09/141,764  
; FILING DATE: 27-AUG-1998  
; APPLICATION NUMBER: US 09/507,345  
; FILING DATE: 18-FEB-2000  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kezer, William B.  
; REGISTRATION NUMBER: 37,369  
; REFERENCE/DOCKET NUMBER: 17682A-003510US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 16  
; OTHER INFORMATION: /mod\_base= OTHER  
; /note= "N = thymidine modified by 6-aminohexanoic acid  
; (-NH(CH2-2)-6COOH)"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-739-928-3

Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT 4478  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1759  
US-09-739-928-4  
; Sequence 4, Application US/09739928  
; Patent No. US20020052482A1  
; GENERAL INFORMATION:  
; APPLICANT: Kutyavin, Igor V.

```

;      Lukhtanov, Eugeny A.
;      Gampert, Howard B.
;      Meyer Jr., Rich B.
;      TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;      Groove Binder Conjugates
;      NUMBER OF SEQUENCES: 12
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Townsend and Townsend and Crew LLP
;      STREET: Two Embarcadero Center, Eighth Floor
;      CITY: San Francisco
;      STATE: California
;      COUNTRY: USA
;      ZIP: 94111-3834
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.30
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/739,928
;      FILING DATE: 11-May-2001
;      CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: US 08/415,370
;      FILING DATE: 03-APR-1995
;      APPLICATION NUMBER: US 09/141,764
;      FILING DATE: 27-AUG-1998
;      APPLICATION NUMBER: US 09/507,345
;      FILING DATE: 18-FEB-2000
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Keizer, William B.
;      REGISTRATION NUMBER: 37,369
;      REFERENCE/DOCKET NUMBER: 17682A-003510US
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (415) 576-0200
;      TELEFAX: (415) 576-0300
;      INFORMATION FOR SEQ ID NO: 4:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: DNA
;      FEATURE:
;      NAME/KEY: modified_base
;      LOCATION: 16
;      OTHER INFORMATION: /mod_base= OTHER
;      /note= "N = thymidine modified by minor groove binder moiety
;      represented by X, where m = one
;      4-amino-N-methylpyrrol-2-carboxylic acid residue"
;      SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-739-928-4

Query Match      0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTT 4478
Db      1 TTTTTTTTTTTTTT 15

RESULT 1760
US-09-739-928-5
; Sequence 5, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
;      Lukhtanov, Eugeny A.
;      Gampert, Howard B.
;      Meyer Jr., Rich B.
;      TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;      Groove Binder Conjugates

```

```

;      NUMBER OF SEQUENCES: 12
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Townsend and Townsend and Crew LLP
;      STREET: Two Embarcadero Center, Eighth Floor
;      CITY: San Francisco
;      STATE: California
;      COUNTRY: USA
;      ZIP: 94111-3834
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.30
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/739,928
;      FILING DATE: 11-May-2001
;      CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: US 08/415,370
;      FILING DATE: 03-APR-1995
;      APPLICATION NUMBER: US 09/141,764
;      FILING DATE: 27-AUG-1998
;      APPLICATION NUMBER: US 09/507,345
;      FILING DATE: 18-FEB-2000
;      ATTORNEY/AGENT INFORMATION:
;      NAME: Keizer, William B.
;      REGISTRATION NUMBER: 37,369
;      REFERENCE/DOCKET NUMBER: 17682A-003510US
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (415) 576-0200
;      TELEFAX: (415) 576-0300
;      INFORMATION FOR SEQ ID NO: 5:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: DNA
;      FEATURE:
;      NAME/KEY: modified_base
;      LOCATION: 16
;      OTHER INFORMATION: /mod_base= OTHER
;      /note= "N = thymidine modified by minor groove binder moiety
;      represented by X, where m = two
;      4-amino-N-methylpyrrol-2-carboxylic acid residues"
;      SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-739-928-5

Query Match      0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4464 TTTTTTTTTTTTTT 4478
Db      1 TTTTTTTTTTTTTT 15

RESULT 1761
US-09-739-928-6
; Sequence 6, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
;      Lukhtanov, Eugeny A.
;      Gampert, Howard B.
;      Meyer Jr., Rich B.
;      TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;      Groove Binder Conjugates
;      NUMBER OF SEQUENCES: 12
;      CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Townsend and Townsend and Crew LLP
;      STREET: Two Embarcadero Center, Eighth Floor
;      CITY: San Francisco

```

STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = three  
4-amino-N-methylpyrrol-2-carboxylic acid residues"  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-739-928-6  
Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT 4478  
1 TTTT TTTT TTTT TTTT 15  
Db  
RESULT 1762  
US-09-739-928-7  
Sequence 7, Application US/09739928  
Patent No. US20020052482A1  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 16  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "N = thymidine modified by minor groove binder moiety  
represented by X, where m = four  
4-amino-N-methylpyrrol-2-carboxylic acid residues"  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-09-739-928-7  
Query Match 0.2%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 9.3e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 4464 TTTT TTTT TTTT TTTT 4478  
1 TTTT TTTT TTTT TTTT 15  
Db  
RESULT 1763  
US-09-739-928-8  
Sequence 8, Application US/09739928  
Patent No. US20020052482A1  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Gamber, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928

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; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-Apr-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-Aug-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-Feb-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Keizer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-00310US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = five
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-739-928-8

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
Db 1 TTTTTTTTTTTTTT 15

RESULT 1764
US-09-894-159-64/C
; Sequence 64, Application US/09894159
; Publication No. US20030149237A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine
; APPLICANT: Tchernev, Vellizar
; APPLICANT: Paturjan, Meera
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Herrmann, John L
; APPLICANT: MacDougall, John R
; APPLICANT: Rastelli, Luca
; APPLICANT: Zhong, Haihong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Gangolli, Beha A
; APPLICANT: Stone, David J
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 21402-033
; CURRENT APPLICATION NUMBER: US/09/894,159
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/248,153
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/214,759
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/263,215
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; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/244,546
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 64
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-894-159-64

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTT 4477
Db 15 CTTTTTTTTTTTTT 1

RESULT 1765
US-10-227-001-20
; Sequence 20, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrova
; APPLICANT: Vermeulen, Nicolas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; TITLE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: polydT-MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
; OTHER INFORMATION: conjugate
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: n = thymine modified by MGB-
; OTHER INFORMATION: (2-dimethylaminonaphthalene-6-sulfonamide)
US-10-227-001-20

Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
Db 2 TTTTTTTTTTTTTT 16

RESULT 1766
US-10-164-915-2/C
; Sequence 2, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Optica
; TITLE OF INVENTION: Method for Detection of Interactions Involving a Conformational Change
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
```

```

; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
; OTHER INFORMATION: molecular beacon
US-10-164-915-2
```

```
Query Match          0.2%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
Db       16  TTTT TTTT TTTT TTTT 2
```

```

RESULT 1767
US-09-866-108-1537/c
; Sequence 1537, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
```

```

; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1537
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2474 TCCAGGCGCACCAGCC 2488
Db       17  TCCAGGCGCACCAGCC 3
```

```

RESULT 1768
US-09-866-108-1538/c
; Sequence 1538, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1538

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
```

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2474 TCCAGGCGACGACC 2488

Db 16 TCCAGGCGACGACC 2

## RESULT 1769

US-09-866-108-1539/c  
; Sequence 1539, Application US/09866108  
; Patent No. US20020048800A1  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOHICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 60/266,860  
; PRIOR FILING DATE: 2001-02-05  
; NUMBER OF SEQ ID NOS: 15752  
; SOFTWARE: Aecomica Sequence Listing Engine  
; SEQ ID NO: 1539  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108-1539

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2474 TCCAGGCGACGACC 2488

Db 15 TCCAGGCGACGACC 1

RESULT 1770  
US-09-090-672B-105  
; Sequence 105, Application US/09090672B

; Patent No. US20020068707A1

; GENERAL INFORMATION:

; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,

; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,

; APPLICANT: Shigemasa; Takei, Masami

; TITLE OF INVENTION: Iga Nephropathy-Related Genes

; NUMBER OF SEQUENCES: 111

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto

; STREET: 30 Rockefeller Plaza

; CITY: New York

; STATE: New York

; ZIP: 10112-3801

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

; COMPUTER: Compaq PC

; OPERATING SYSTEM: Windows 95

; SOFTWARE: WordPerfect 8.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/090,672B

; FILING DATE: 04-JUNE-1998

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/JP97/04468

; FILING DATE: 05-DEC-1997

; APPLICATION NUMBER: JP-8-325763

; FILING DATE: 05-DEC-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Perry, Lawrence S.

; REGISTRATION NUMBER: 31865

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 218-2100

; TELEFAX: (212) 218-2200

; INFORMATION FOR SEQ ID NO: 105:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid, synthetic DNA

US-09-090-672B-105

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478

Db 2 TTTT TTTT TTTT TTTT 16

## RESULT 1771

US-09-090-672B-107  
; Sequence 107, Application US/09090672B  
; Patent No. US20020068707A1  
; GENERAL INFORMATION:  
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,  
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,  
; APPLICANT: Shigemasa; Takei, Masami  
; TITLE OF INVENTION: Iga Nephropathy-Related Genes  
; NUMBER OF SEQUENCES: 111  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto  
; STREET: 30 Rockefeller Plaza  
; CITY: New York  
; STATE: New York  
; ZIP: 10112-3801  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: Compaq PC  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: WordPerfect 8.0

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090, 672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
; US-09-090-672B-107
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTTTTTTTTTTTT 4478
           |||||
Db       2 TTTTTTTTTTTTTT 16
```

```

RESULT 1772
US-09-730-559B-107
; Sequence 107, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIRO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAMADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730, 559B
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-730-559B-107
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTTTTTTTTTTTT 4478
           |||||
Db       2 TTTTTTTTTTTTTT 16
```

RESULT 1773

```

US-09-730-559B-109
; Sequence 109, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIRO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAMADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730, 559B
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 109
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-730-559B-109
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTTTTTTTTTTTT 4478
           |||||
Db       2 TTTTTTTTTTTTTT 16
```

```

RESULT 1774
US-10-380-254-3
; Sequence 3, Application US/10380254
; Publication No. US20040038252A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64773
; CURRENT APPLICATION NUMBER: US/10/380, 254
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08246
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-291318
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-254-3
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTTTTTTTTTTTT 4478
           |||||
Db       2 TTTTTTTTTTTTTT 16
```

RESULT 1775  
US-10-380-254-4

```
/ Sequence 4, Application US/10380254
/ Publication No. US20040038252A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita et al.
/ TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
/ FILE REFERENCE: 6235-64773
/ CURRENT APPLICATION NUMBER: US/10/380,254
/ CURRENT FILING DATE: 2003-03-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08246
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: JP 2000-291318
/ PRIOR FILING DATE: 2000-09-25
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 4
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:an artificially
US-10-380-254-4
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
DB       2 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1776
US-10-398-885A-2
/ Sequence 2, Application US/10398885A
/ Publication No. US20040053282A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryochi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ APPLICANT: Takahashi, Eiki
/ TITLE OF INVENTION: Method of Testing For Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07907
/ CURRENT APPLICATION NUMBER: US/10/398,885A
/ CURRENT FILING DATE: 2003-08-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08937
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 2
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-885A-2
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
DB       2 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1777
US-10-398-885A-3
```

```
/ Sequence 3, Application US/10398885A
/ Publication No. US20040053282A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryochi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ APPLICANT: Takahashi, Eiki
/ TITLE OF INVENTION: Method of Testing For Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07907
/ CURRENT APPLICATION NUMBER: US/10/398,885A
/ CURRENT FILING DATE: 2003-08-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08937
/ PRIOR FILING DATE: 2001-10-11
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-885A-3
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
DB       2 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1778
US-10-398-877-18
/ Sequence 18, Application US/10398877
/ Publication No. US20040058351A1
/ GENERAL INFORMATION:
/ APPLICANT: Sugita, Yuji
/ APPLICANT: Hashida, Ryochi
/ APPLICANT: Ogawa, Kaoru
/ APPLICANT: Nagasu, Takeshi
/ APPLICANT: Obayashi, Masaya
/ APPLICANT: Saito, Hirohisa
/ TITLE OF INVENTION: Method of Testing for Allergic Diseases
/ FILE REFERENCE: SHIMIZU-07906
/ CURRENT APPLICATION NUMBER: US/10/398,877
/ CURRENT FILING DATE: 2003-04-11
/ PRIOR APPLICATION NUMBER: PCT/JP01/08574
/ PRIOR FILING DATE: 2001-09-28
/ PRIOR APPLICATION NUMBER: JP 2000-314093
/ PRIOR FILING DATE: 2000-10-13
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 18
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-398-877-18
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4464 TTTT TTTT TTTT TTTT 4478
          |||||
DB       2 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1779
US-10-398-877-19
; Sequence 19, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryochi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-19

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db       2 TTTT TTTT TTTT TTTT 16

RESULT 1780
US-09-927-046-2114
; Sequence 2114, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-2114

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+03;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      5017 GGGCTCTGGAGGAG 5031
           |||||
Db       2 GGGCTCTGGAGGAG 16
```

```
RESULT 1781
US-09-927-046-2115
; Sequence 2115, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2115
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-2115

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1e+03;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      5017 GGGCTCTGGAGGAG 5031
           |||||
Db       1 GGGCTCTGGAGGAG 15

RESULT 1782
US-10-291-808-63
; Sequence 63, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-63

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTT TTTT TTTT TTTT 4478
           |||||
Db       2 TTTT TTTT TTTT TTTT 16
```

```
RESULT 1783
US-10-408-025-5
; Sequence 5, Application US/10408025
; Publication No. US20030224423A1
; GENERAL INFORMATION:
; APPLICANT: Matsumoto, Yoshiko
; APPLICANT: Imai, Yukiko
; APPLICANT: Oshida, Nei
; APPLICANT: Oshida, Tadahito
; APPLICANT: Sugita, Yuji
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07914
; CURRENT APPLICATION NUMBER: US/10/408,025
; PRIOR FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 2002-100908
; PRIOR FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: PCT/JP03/02047
; PRIOR FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-408-025-5

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 2 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1784
US-10-156-306-522
; Sequence 522, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-522

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 1; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTT TTTT TTTT TTTT TTTT 4477
Db 2 CUUUUUUUUUUUUUUU 16

RESULT 1785
US-10-156-306-523
; Sequence 523, Application US/10156306
; Publication No. US20030119017A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-523

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 1; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 4463 CTTT TTTT TTTT TTTT TTTT 4477
Db 1 CUUUUUUUUUUUUU 15

RESULT 1786
US-10-309-152A-3
; Sequence 3, Application US/10309152A
; Publication No. US20030175759A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi LTD.
; TITLE OF INVENTION: A method for prediction of genes and a method for providing a list
; FILE REFERENCE: H02001031A
; CURRENT APPLICATION NUMBER: US/10/309,152A
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: JP 2002-047297
; PRIOR FILING DATE: 2002-02-25
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo-d(T) primer by Nippon Flour Mills
US-10-309-152A-3

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4464 TTTT TTTT TTTT TTTT TTTT 4478
Db 2 TTTT TTTT TTTT TTTT TTTT 16

RESULT 1787
US-10-220-373-7
; Sequence 7, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takehshi
; APPLICANT: OSHIDA, Tadahito
; APPLICANT: OHAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SH2-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patentin Ver. 2.0
```

```
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
US-10-220-373-7
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1788
US-10-220-373-8
; Sequence 8, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadahiro
; APPLICANT: OBAVASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SH2-010US
; CURRENT APPLICATION NUMBER: US/10/220.373
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: JP 2000-61832
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
US-10-220-373-8
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1789
US-10-380-255-6
; Sequence 6, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380.255
; PRIOR FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-255-6
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1790
US-10-380-255-7
; Sequence 7, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380.255
; PRIOR FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
US-10-380-255-7
```

```
Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      4464 TTTT|TTTTTTTTTT 4478
           |||||
Db       2 TTTT|TTTTTTTTTT 16
```

```
RESULT 1791
US-10-138-674-1071
; Sequence 1071, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138.674
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1071
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1071

Query Match          0.2%; Score 15; DB 1; Length 17;
```

Best Local Similarity 13.3%; Pred. No. 1e+03;  
Matches 2; Conservative 13; Mismatches 0; Indels 0; Gaps 0;

QY 4462 ACTTTTTTTTTTTTTT 4476

Db 3 АСТУСТУСТУСТУСТУ 17

RESULT 1792  
US-10-138-6

```

US-10-138-674-1076
/ Sequence 1076, Application US/10138674
/ Publication No. US20040077565A1
/ GENERAL INFORMATION
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: M8H00-876-N (400/049)
/ CURRENT APPLICATION NUMBER: US/10/138, 674
/ NUMBER OF SEQ ID NOS: 2002-05-03
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1076
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-138-674-1076

```

Query Match	0.2%	Score 15;	DB 1;	Length 17;
Best Local Similarity	0.0%;	Pred. No. 1e+03;		
Matches	0;	Conservative 15;	Mismatches 0;	Indels 0;
			Gaps	0

QY 4464 TTTTTTTTTTTTTT 4478

**D6**

**1. УЧУЧУЧУЧУЧУЧУ 15**

```

RESULT 1793
US-10-287-949A-1071
; Sequence 1071, Application US/10287949A
; Publication No. US20040102385A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1071
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-287-949A-1071

```

Query Match	0.24;	Score 15;	DB 1;	Length 17;
Best Local Similarity	13.34;	Pred. NO. 1e+03;		
Matches	2;	Conservative 13;	Mismatches 0;	Indels 0;
			Gaps 0;	

4462 ACTTTTTTTTTT 4476

**D** 3 АСУУСНУУСНУУ 17

RESULT 1794

US-10-287-949A-1076  
; Sequence 1076, Application US/10287949A

Query Match 0.2%; Score 15; DB 1; Length 17;  
Best Local Similarity 0.0%; Pred. No. 1e+03;  
Matches 0; Conservative 15; Mismatches 0; Indels 0; Gaps 0;

QY 4464 11111111111111111111 4478

Db 1 15

```

RESULT 1795
US-10-723-361-1537/c
Sequence 1537, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AND
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acemica Sequence Listing Engine
SEQ ID NO 1537
LENGTH: 17
TYPE: DNA

```

```
; ORGANISM: Homo sapiens
US-10-723-361-1537

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474 TCCAGGGCACCAGCC 2488
Db      17 TCCAGGGCACCAGCC 3

RESULT 1796
US-10-723-361-1538/c
; Sequence 1538, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-1538

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474 TCCAGGGCACCAGCC 2488
Db      16 TCCAGGGCACCAGCC 2

RESULT 1797
US-10-723-361-1539/c
; Sequence 1539, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1539
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-1539

Query Match      0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      2474 TCCAGGGCACCAGCC 2488
Db      15 TCCAGGGCACCAGCC 1

RESULT 1798
US-10-239-734-3
; Sequence 3, Application US/10239734
; Publication No. US20040161746A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER FOR
; APPLICANT: CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Matsumoto, Yoshiko
; APPLICANT: Tsujimoto, Gozoh
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Sugita, Yui
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Imai, Yukiho
; TITLE OF INVENTION: Method of Testing For Allergic Disease
; FILE REFERENCE: SHIMIZU-07379
; CURRENT APPLICATION NUMBER: US/10/239,734
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: PCT/JP01/11286
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 2000-389476 JP
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patent version 3.1
; SEQ ID NO 3
; LENGTH: 17
```

```

: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: "GT15A", an artificially synthesized primer sequence
US-10-239-734-3

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
|||||
2 TTTTTTTTTTTTTT 16
Db

RESULT 1799
US-10-239-734-4
: Sequence 4, Application US/10239734
: Publication No. US20040174661
: GENERAL INFORMATION:
: APPLICANT: GENOX RESEARCH, INC.
: APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER FOR
: APPLICANT: CHILD HEALTH AND DEVELOPMENT
: APPLICANT: Matsumoto, Yoshiko
: APPLICANT: Tsujimoto, Gozoh
: APPLICANT: Nagasu, Takeshi
: APPLICANT: Sugita, Yuji
: APPLICANT: Oshida, Tadahiro
: APPLICANT: Imai, Yukiho
: TITLE OF INVENTION: Method of Testing For Allergic Disease
: FILE REFERENCE: SHIMIZU-07379
: CURRENT APPLICATION NUMBER: US/10/239,734
: PRIOR FILING DATE: 2002-09-24
: PRIOR APPLICATION NUMBER: PCT/JP01/11286
: PRIOR FILING DATE: 2001-12-21
: PRIOR APPLICATION NUMBER: 2000-389476 JP
: PRIOR FILING DATE: 2000-12-21
: NUMBER OF SEQ ID NOS: 26
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 4
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: "GT15C", an artificially synthesized primer sequence
US-10-239-734-4

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTT 4478
|||||
2 TTTTTTTTTTTTTT 16
Db

RESULT 1800
US-10-735-592-10
: Sequence 10, Application US/10735592
: Publication No. US20040174571A1
: GENERAL INFORMATION:
: APPLICANT: Art, Ktieg
: APPLICANT: Joerg, Vollmer
: TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
: FILE REFERENCE: C1037,70038US01
: CURRENT APPLICATION NUMBER: US/10/735,592
: CURRENT FILING DATE: 2003-12-11
: NUMBER OF SEQ ID NOS: 69
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 10
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Artificial

```

```

FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-10

Query Match          0.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4463 CTTTTTTTTTTTTTT 4477
          |||||
          3 CTTTTTTTTTTTTTT 17
          |||||

RESULT 1801
US-09-904-744-1/c
; Sequence 1, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbara-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; TITLE OF INVENTION: dendrimers in a signal amplification system
; CURRENT APPLICATION NUMBER: US/09/904,744
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-1

Query Match          0.2%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4464 TTTTTTTTTTTTTTT 4478
          |||||
          18 TTTTTTTTTTTTTTT 4
          |||||

RESULT 1802
US-09-904-744-2
; Sequence 2, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbara-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; TITLE OF INVENTION: dendrimers in a signal amplification system
; CURRENT APPLICATION NUMBER: US/09/904,744
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

OTHER INFORMATION: synthesized  
US-09-904-744-2

Query Match 0.2%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 4 TTTT TTTT TTTT TTTT 18

RESULT 1803  
US-09-775-479-9  
Sequence 9, Application US/09775479  
Publication No. US20040067197A1  
GENERAL INFORMATION:  
APPLICANT: LECIERC, Guy  
APPLICANT: MARTEL, R.mi  
TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF  
TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF PREPARATION AND  
TITLE OF INVENTION: THERAPEUTIC USES THEREOF  
FILE REFERENCE: 12168-US-2  
CURRENT APPLICATION NUMBER: US/09/775,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: 09/318,106  
PRIOR FILING DATE: 1999-05-24  
PRIOR APPLICATION NUMBER: 08/756,728  
PRIOR FILING DATE: 1996-11-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 9  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-09-775-479-9

Query Match 0.2%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4464 TTTT TTTT TTTT TTTT 4478  
|||||  
Db 1 TTTT TTTT TTTT TTTT 15

RESULT 1804  
US-10-181-603-11  
Sequence 11, Application US/10181603  
Publication No. US20030049662A1  
GENERAL INFORMATION:  
APPLICANT: Bret P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION  
FILE REFERENCE: RSP-0342  
CURRENT APPLICATION NUMBER: US/10/181,603  
CURRENT FILING DATE: 2002-07-17  
PRIOR APPLICATION NUMBER: PCT/US01/01165  
PRIOR FILING DATE: 2001-01-12  
PRIOR APPLICATION NUMBER: 09/487,444  
PRIOR FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 11  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-603-11

Query Match 0.2%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 1.1e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAG 7427  
|||||  
Db 4 CAGCAGCAGCAGCAG 18

RESULT 1805  
US-09-906-158-23  
Sequence 23, Application US/09906158  
Publication No. US20030078217A1  
GENERAL INFORMATION:  
APPLICANT: Bret P. Monia  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION  
FILE REFERENCE: RFS-0257  
CURRENT APPLICATION NUMBER: US/09/906,158  
CURRENT FILING DATE: 2001-07-14  
NUMBER OF SEQ ID NOS: 168  
SEQ ID NO 23  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-906-158-23

Query Match 0.2%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 4290 TTGCAGTGCATCTT 4304  
|||||  
Db 2 TTGCAGTGCATCTT 16

RESULT 1806  
US-10-216-484-93  
Sequence 93, Application US/10216484  
Publication No. US20030103976A1  
GENERAL INFORMATION:  
APPLICANT: Serizawa, No. US20030103976A1ufusa  
APPLICANT: Haruyama, Hideyuki  
APPLICANT: Nakahara, Kaori  
APPLICANT: Tamaki, Ikuko  
APPLICANT: Takahashi, Tohru  
TITLE OF INVENTION: Anti-Fas Antibodies  
FILE REFERENCE: 980126CIP/HG  
CURRENT APPLICATION NUMBER: US/10/216,484  
CURRENT FILING DATE: 2002-08-09  
PRIOR APPLICATION NUMBER: US/09/499,662  
PRIOR FILING DATE: 2000-02-09  
PRIOR APPLICATION NUMBER: US 09/053,583  
PRIOR FILING DATE: 1998-04-01  
NUMBER OF SEQ ID NOS: 165  
SEQ ID NO 93  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Sequencing  
OTHER INFORMATION: primer for a DNA encoding the heavy chain of a  
OTHER INFORMATION: humanized anti-Fas antibody  
US-10-216-484-93

Query Match 0.2%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 7181 GTGGGCGATGTGCA 7195  
|||||  
Db 5 GTGGGCGATGTGCA 19

```
RESULT 1807
US-10-384-933-93
; Sequence 93, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
; APPLICANT: Serizawa, No. US20030170817A1ufusa
; APPLICANT: Hanyama, Hideyuki
; APPLICANT: Nakanata, Kaori
; APPLICANT: Takahashi, Tohru
; TITLE OF INVENTION: Anti-Fas Antibodies
; FILE REFERENCE: 980126CIP/HG
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: US/10/384,933
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequencing
; OTHER INFORMATION: primer for a DNA encoding the heavy chain of a
; OTHER INFORMATION: humanized anti-Fas antibody
US-10-384-933-93

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7181 GGTGGCATGTGTGA 7195
DB 5 GGTGGCATGTGTGA 19

RESULT 1808
US-10-388-263-472
; Sequence 472, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Saemor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT FILING DATE: 2003-03-12
; CURRENT APPLICATION NUMBER: US/10/388,263
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 472
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-472

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2533 GCAGTGAAGCTTCAG 2547
DB 15 GCAGTGAAGCTTCAG 1
```

```
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4290 TTGCAAGTGCATCTT 4304
DB 2 TTGCAAGTGCATCTT 16

RESULT 1809
US-10-173-718-17
; Sequence 17, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PIS-0036
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-17

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2533 GCAGTGAAGCTTCAG 2547
DB 6 GCAGTGAAGCTTCAG 20

RESULT 1810
US-10-173-718-87/C
; Sequence 87, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PIS-0036
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-87

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2533 GCAGTGAAGCTTCAG 2547
DB 15 GCAGTGAAGCTTCAG 1

RESULT 1811
US-10-377-079-87
; Sequence 87, Application US/10377079
; Publication No. US20030236395A1
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,
; TITLE OF INVENTION: Antibodies and Methods
; FILE REFERENCE: P-1J 3611
```

US-10-476-021-57

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1765 GTCATCTGCCAGG 1779  
DB 1 GTCATCTGCCAGG 15

US-10-476-021-57

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4647 GGAATTCCTCTTG 4661  
DB 6 GGAATTCCTCTTG 20

RESULT 1812

US-10-688-706-2908

Sequence 2908, Application US/10688706  
Publication No. US20040102412A1  
GENERAL INFORMATION:  
APPLICANT: Pharmacia Corp.  
APPLICANT: Brocchat, Kay  
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
FILE REFERENCE: 01393/1  
CURRENT APPLICATION NUMBER: US/10/688,706  
CURRENT FILING DATE: 2003-10-17  
PRIOR APPLICATION NUMBER: 60/419,268  
PRIOR FILING DATE: 2002-10-17  
NUMBER OF SEQ ID NOS: 3071  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 2908  
LENGTH: 20  
TYPE: DNA  
ORGANISM: artificial  
FEATURE:  
OTHER INFORMATION: human GFAT antisense  
US-10-688-706-2908

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6977 AAAAAACAACAGAA 6991  
DB 1 AAAAAACAACAGAA 15

RESULT 1813

US-10-476-021-57

Sequence 57, Application US/10476021  
Publication No. US20040186069A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION  
FILE REFERENCE: RTS-0216  
CURRENT APPLICATION NUMBER: US/10/476,021  
CURRENT FILING DATE: 2003-10-24  
PRIOR APPLICATION NUMBER: US/09/844,634  
PRIOR FILING DATE: 2001-04-27  
NUMBER OF SEQ ID NOS: 174  
SEQ ID NO 57  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-10-476-021-57

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1765 GTCATCTGCCAGG 1779  
DB 1 GTCATCTGCCAGG 15

RESULT 1814

US-09-775-479-17/c

Sequence 17, Application US/09775479  
Publication No. US20040067197A1  
GENERAL INFORMATION:  
APPLICANT: LECIERC, Guy  
APPLICANT: MARTEL, R.m  
TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF  
TITLE OF INVENTION: RADIOLABELLED DNA CARRIER, METHOD OF PREPARATION AND  
FILE REFERENCE: 12168-IUS-2  
CURRENT APPLICATION NUMBER: US/09/775,479  
CURRENT FILING DATE: 2001-02-02  
PRIOR APPLICATION NUMBER: 09/318,106  
PRIOR FILING DATE: 1999-05-24  
PRIOR APPLICATION NUMBER: 08/756,728  
PRIOR FILING DATE: 1996-11-26  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 17  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
US-09-775-479-17

Query Match  
Best Local Similarity 100.0%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTTTTTTTTTTTTT 4478  
DB 18 TTTTTTTTTTTTTTT 4

RESULT 1815

US-10-349-143-9155/c

Sequence 9155, Application US/10349143  
Publication No. US20040005584A1  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CP1  
CURRENT APPLICATION NUMBER: US/10/349,143  
CURRENT FILING DATE: 2003-01-21  
PRIOR APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 9155  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:

```
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-22646 for SEQ 1290, in complete
US-10-349-143-9155

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5151 GCGAGGGGAGTTCTC 5155
DB 21 GCGAGGGGAGTTCTC 7

RESULT 1816
US-10-324-409B-18
/ Sequence 18, Application US/10324409B
/ Publication No. US20040086880A1
/ GENERAL INFORMATION:
/ APPLICANT: Sampson, et al.
/ TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
/ FILE REFERENCE: 200309-0028
/ CURRENT APPLICATION NUMBER: US/10/324,409B
/ FILING DATE: 2002-12-18
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 18
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Incubate with
/ FEATRE:
/ NAME/KEY: misc feature
/ LOCATION: (1)-(4)
/ OTHER INFORMATION: N = any nucleotide.
US-10-324-409B-18

Query Match
Best Local Similarity 100.0%; Score 15; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4463 CTTTTTTTTTTTTT 4477
DB 8 CTTTTTTTTTTTTT 22

RESULT 1817
US-09-263-959-409/c
/ Sequence 409, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
```

```
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 409:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-409

Query Match
Best Local Similarity 78.3%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTGTTGTTGTT 4487
DB 23 TTTGTTGTTGTTGTTGTT 1

RESULT 1818
US-09-263-959-493
/ Sequence 493, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee F.
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 493:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-263-959-493

Query Match
Best Local Similarity 0.2%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTGTTGTTGTT 4487
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Db 1 TTGTTGTTTGTGTTGTTT 23

RESULT 1819  
US-09-093-972C-953  
; Sequence 953, Application US/09093972C  
; Publication No. US20030087845A1  
; GENERAL INFORMATION:  
; APPLICANT: NYCE, Jonathan W.  
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION  
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH  
; BRONCHOCONSTRICITION, ALLERGY(IES) & INFLAMMATION  
; NUMBER OF SEQUENCES: 996  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.  
; STREET: 7 Clarke Drive  
; CITY: Cranbury  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 08512  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/093,972C  
; FILING DATE: 09-Jun-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/472,527  
; FILING DATE: 7-June-1995  
; APPLICATION NUMBER: US 08/757,024  
; FILING DATE: 26-11-1996  
; APPLICATION NUMBER: US 08/472,527  
; FILING DATE: 7-June-1995  
; APPLICATION NUMBER: US 09/016,464  
; FILING DATE: 30-January-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amzel, Viviana  
; REGISTRATION NUMBER: 30,930  
; REFERENCE/DOCKET NUMBER: EPI-00672  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 609-409-3035  
; TELEFAX: 413-254-9245  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 953:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 953:  
US-09-093-972C-953

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5699 TTGCTTCCTTTCTCTCTC 5721  
Db 1 TTTTCCTTCCTTTGCTCTCTC 23

RESULT 1820  
US-09-911-904-105/C  
; Sequence 105, Application US/09911904  
; Publication No. US20030096234A1  
; GENERAL INFORMATION:  
; APPLICANT: Fair, Spencer B.  
; APPLICANT: Pickett, Gavin G.  
; APPLICANT: Neft, Robin Eileen

; APPLICANT: Dunn, II, Robert Thomas  
; TITLE OF INVENTION: CANINE TOXICITY GENES  
; FILE REFERENCE: 400742000200  
; CURRENT APPLICATION NUMBER: US/09/911,904  
; CURRENT FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: US 60/220,057  
; PRIOR FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 386  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 105  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Canis familiaris  
US-09-911-904-105

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4735 GGCCAGCTGGAGAGAGAGGCTC 4757  
Db 23 GGCCATGAGGAGCAGAGAGGCTC 1

RESULT 1821  
US-09-864-636A-2161  
; Sequence 2161, Application US/09864636A  
; Publication No. US20030104378A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Alimall, Hatim  
; APPLICANT: Bartholomay, Christian  
; APPLICANT: Chehak, LuAnne  
; TITLE OF INVENTION: Detection of RNA Sequences  
; FILE REFERENCE: FORS-04944  
; CURRENT APPLICATION NUMBER: US/09/864,636A  
; CURRENT FILING DATE: 2002-10-15  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn Version 3.0  
; SEQ ID NO 2161  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-636A-2161

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. NO. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2861 AGGAGCAAGAGAGAGGAGGTG 2883  
Db 1 AGGATTCAATGAGAGAGAGGCG 23

RESULT 1822  
US-09-844-861A-79/C  
; Sequence 79, Application US/09844861A  
; Publication No. US20030216304A1  
; GENERAL INFORMATION:  
; APPLICANT: Padigaru, Muralidhara  
; APPLICANT: Mishra, Vishnu  
; APPLICANT: Spytek, Kimberly  
; APPLICANT: Burgees, Catherine  
; APPLICANT: Lepley, Denise  
; APPLICANT: Grose, William  
; APPLICANT: Szekeres, Edward  
; APPLICANT: Alsobrook, John  
; APPLICANT: Gangolli, Beha  
; APPLICANT: Casman, Stacie  
; APPLICANT: MacDougall, John  
; APPLICANT: Smithson, Glenda

```
/ TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 15966-789 US
/ CURRENT APPLICATION NUMBER: US/09/844,861A
/ CURRENT FILING DATE: 2001-04-27
/ PRIOR APPLICATION NUMBER: 60/199,947
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/199,960
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/225,226
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/256,399
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/256,524
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/258,159
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/258,511
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/258,828
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/259,659
/ PRIOR FILING DATE: 2001-01-04
/ PRIOR APPLICATION NUMBER: 60/275,604
/ PRIOR FILING DATE: 2001-03-13
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 79
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
/ US-09-844-861A-79
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```
Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      267 GCAGGTGTTCCAGGC 281
Db      17 GCAGGTGTTCCAGGC 3
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RESULT 1823
/ Sequence 82, Application US/09844861A
/ Publication No. US20030216304A1
/ GENERAL INFORMATION:
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Mishra, Vishnu
/ APPLICANT: Spytek, Kimberly
/ APPLICANT: Burgess, Catherine
/ APPLICANT: Lepley, Denise
/ APPLICANT: Grosse, William
/ APPLICANT: Szekeres, Edward
/ APPLICANT: Alsebrook, John
/ APPLICANT: Gangoli, Esha
/ APPLICANT: Caeman, Stacie
/ APPLICANT: MacDougall, John
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: No. US20030216304A1el Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 15966-789 US
/ CURRENT APPLICATION NUMBER: US/09/844,861A
/ CURRENT FILING DATE: 2001-04-27
/ PRIOR APPLICATION NUMBER: 60/199,947
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/199,960
/ PRIOR FILING DATE: 2000-04-27
/ PRIOR APPLICATION NUMBER: 60/225,226
/ PRIOR FILING DATE: 2000-08-14
/ PRIOR APPLICATION NUMBER: 60/256,399
/ PRIOR FILING DATE: 2000-12-18
```

```
/ PRIOR APPLICATION NUMBER: 60/256,524
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: 60/258,159
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/258,511
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/258,828
/ PRIOR FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: 60/259,659
/ PRIOR FILING DATE: 2001-01-04
/ PRIOR APPLICATION NUMBER: 60/275,604
/ PRIOR FILING DATE: 2001-03-13
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 82
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
/ US-09-844-861A-82
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```
Query Match      0.2%; Score 15; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      267 GCAGGTGTTCCAGGC 281
Db      17 GCAGGTGTTCCAGGC 3
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RESULT 1824
/ Sequence 166, Application US/09981566A
/ Publication No. US20040005656A1
/ GENERAL INFORMATION:
/ APPLICANT: Kekuda et al.
/ TITLE OF INVENTION: No. US20040005656A1el GPCR-like Proteins and Nucleic Acids Encodi
/ FILE REFERENCE: 21402-163
/ CURRENT APPLICATION NUMBER: US/09/981,566A
/ CURRENT FILING DATE: 2001-10-16
/ PRIOR APPLICATION NUMBER: 60/240,704
/ PRIOR FILING DATE: 2000-10-16
/ PRIOR APPLICATION NUMBER: 60/262,159
/ PRIOR FILING DATE: 2001-01-17
/ PRIOR APPLICATION NUMBER: 60/263,340
/ PRIOR FILING DATE: 2001-01-22
/ PRIOR APPLICATION NUMBER: 60/264,118
/ PRIOR FILING DATE: 2001-01-25
/ PRIOR APPLICATION NUMBER: 60/308,203
/ PRIOR FILING DATE: 2001-07-27
/ PRIOR APPLICATION NUMBER: 60/243,497
/ PRIOR FILING DATE: 2000-10-26
/ PRIOR APPLICATION NUMBER: 60/244,542
/ PRIOR FILING DATE: 2000-10-31
/ PRIOR APPLICATION NUMBER: 60/269,031
/ PRIOR FILING DATE: 2001-02-15
/ PRIOR APPLICATION NUMBER: 60/245,484
/ PRIOR FILING DATE: 2000-11-03
/ PRIOR APPLICATION NUMBER: 60/255,017
/ PRIOR FILING DATE: 2000-12-12
/ PRIOR APPLICATION NUMBER: 60/263,216
/ PRIOR FILING DATE: 2001-01-22
/ PRIOR APPLICATION NUMBER: 60/268,225
/ PRIOR FILING DATE: 2001-02-12
/ NUMBER OF SEQ ID NOS: 209
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 166
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide primer  
US-09-981-566A-166

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 267 GCAGCTGTTCCAGGC 281  
Db 17 GCAGCTGTTCCAGGC 3

RESULT 1825  
US-09-864-426A-2161  
; Sequence 2161, Application US/09864426A  
; Publication No. US20040018489A1  
; GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Ma, Mu Po  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Salber, Michael  
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
; FILE REFERENCE: FORS-04946  
; CURRENT APPLICATION NUMBER: US/09/864,426A  
; CURRENT FILING DATE: 2001-05-24  
; NUMBER OF SEQ ID NOS: 2640  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2161  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-864-426A-2161

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2861 AGAAGCAAGAGAGAGAGGTG 2883  
Db 1 AGGATTCATGAGAGAGAGCGC 23

RESULT 1826  
US-10-380-533-53  
; Sequence 53, Application US/10380533  
; Publication No. US20040072186A1  
; GENERAL INFORMATION:  
; APPLICANT: University College Cardiff Consultants Ltd  
; TITLE OF INVENTION: Transglutaminase Gene Products  
; FILE REFERENCE: P504074PCT  
; CURRENT APPLICATION NUMBER: US/10/380,533  
; CURRENT FILING DATE: 2003-09-30  
; PRIOR APPLICATION NUMBER: GB0111995.7  
; PRIOR FILING DATE: 2001-05-16  
; PRIOR APPLICATION NUMBER: GB0022766.6  
; PRIOR FILING DATE: 2000-09-15  
; NUMBER OF SEQ ID NOS: 144  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-380-533-53

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4731 TGGAGGCCAGCTGGAGAGAGAG 4753

Db 1 TGAAGCTCAGCCGAGGTAGAG 23

RESULT 1827  
US-10-072-012-986  
; Sequence 986, Application US/10072012  
; Publication No. US20040033493A1  
; GENERAL INFORMATION:  
; APPLICANT: Tchernev, Velizar  
; APPLICANT: Spytek, Kimberly  
; APPLICANT: Zernusen, Bryan  
; APPLICANT: Patturajan, Meera  
; APPLICANT: Shinkets, Richard  
; APPLICANT: Li, Li  
; APPLICANT: Gangoli, Esha  
; APPLICANT: Padigaru, Muraidhara  
; APPLICANT: Anderson, David W.  
; APPLICANT: Rastelli, Luca  
; APPLICANT: Miller, Charles E.  
; APPLICANT: Gerlach, Valerie  
; APPLICANT: Taupier Jr, Raymond J.  
; APPLICANT: Gusev, Vladimir Y.  
; APPLICANT: Coleman, Steven D.  
; APPLICANT: Wolenc, Adam R.  
; APPLICANT: Pena, Carol E. A  
; APPLICANT: Furtak, Katarzyna  
; APPLICANT: Grosee, William M.  
; APPLICANT: Alsobrook II, John P.  
; APPLICANT: Lepley, Denise M.  
; APPLICANT: Rieger, Daniel K.  
; APPLICANT: Burgess, Catherine E.  
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-258  
; CURRENT APPLICATION NUMBER: US/10/072,012  
; CURRENT FILING DATE: 2002-01-31  
; PRIOR APPLICATION NUMBER: 60/265,102  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: 60/265,514  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 60/265,517  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 60/265,412  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 60/265,395  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 60/266,406  
; PRIOR FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: 60/266,767  
; PRIOR FILING DATE: 2001-02-05  
; PRIOR APPLICATION NUMBER: 60/267,057  
; PRIOR FILING DATE: 2001-02-07  
; PRIOR APPLICATION NUMBER: 60/266,975  
; PRIOR FILING DATE: 2001-02-07  
; PRIOR APPLICATION NUMBER: 60/267,459  
; PRIOR FILING DATE: 2001-02-08  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 1391  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 986  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: NOV98e Primer  
US-10-072-012-986

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4731 TGGAGGCCAGCTGGAGAGAGAG 4753

Db 1 TGAAGCTCACGAGAGAGAG 23

RESULT 1828  
US-10-344-815-20/c  
; Sequence 20, Application US/10344815  
; Publication No. US20040038245A1  
; GENERAL INFORMATION:  
; APPLICANT: Belinsky, Steven A  
; APPLICANT: Palmisano, William A  
; TITLE OF INVENTION: Nested Methylation-Specific Polymerase Chain Reaction Cancer  
; FILE REFERENCE: 41543-0002  
; CURRENT APPLICATION NUMBER: US/10/344,815  
; CURRENT FILING DATE: 2003-07-15  
; PRIOR APPLICATION NUMBER: PCT/US0126452  
; PRIOR FILING DATE: 2001-08-24  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-344-815-20

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3167 GTTAGGTTGGTTGATGACTT 3189  
Db 23 GTTGGTTGTGTTGTTGTTGTT 1

RESULT 1829  
US-10-384-491-59  
; Sequence 59, Application US/10384491  
; Publication No. US20030224040A1  
; GENERAL INFORMATION:  
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE  
; APPLICANT: BAYLIN, Stephen B.  
; APPLICANT: HERMAN, James  
; APPLICANT: Suzuki, Hiromu  
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED GENES ASSOCIATED WITH  
; FILE REFERENCE: JHU1850-1  
; CURRENT APPLICATION NUMBER: US/10/384,491  
; CURRENT FILING DATE: 2003-03-07  
; PRIOR APPLICATION NUMBER: US 60/362,422  
; PRIOR FILING DATE: 2002-03-07  
; NUMBER OF SEQ ID NOS: 296  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 59  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Amplification primer  
US-10-384-491-59

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3618 GAATGGGTGGGTGGGAGAGG 3640  
Db 1 GAAGGGGGTAGGTTAGGAGAGG 23

RESULT 1830  
US-10-007-607-3  
; Sequence 3, Application US/10007607  
; Publication No. US20020119478A1

; GENERAL INFORMATION:  
; APPLICANT: Umansky, Samuil R.  
; APPLICANT: Lichtenstein, Anatoly V.  
; APPLICANT: Melkonyan, Hovsep S.  
; APPLICANT: Diagen Corporation  
; TITLE OF INVENTION: Methods for Detection of Nucleic Acid Sequences in  
; FILE REFERENCE: 020811-000111US  
; CURRENT APPLICATION NUMBER: US/10/007,607  
; CURRENT FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 09/634,732  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/048,170  
; PRIOR FILING DATE: 1997-05-30  
; PRIOR APPLICATION NUMBER: US 60/048,381  
; PRIOR FILING DATE: 1997-06-03  
; PRIOR APPLICATION NUMBER: WO PCT/US98/10965  
; PRIOR FILING DATE: 1998-05-29  
; PRIOR APPLICATION NUMBER: US 09/230,704  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Y21 primer for  
; OTHER INFORMATION: amplification of human Y-chromosome specific DY21  
US-10-007-607-3

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5692 CCACGTTTGCTTCCTTCC 5714  
Db 1 CCATTCCTTGATTCGCTTCC 23

RESULT 1831  
US-10-085-906-527/c  
; Sequence 527, Application US/10085906  
; Publication No. US20030054571A1  
; GENERAL INFORMATION:  
; APPLICANT: Yang, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 527  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-527

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1173 TCCCATCTGCCCTGCTCAAG 1195

Db 23 TCCACATCTGCCCTGTATCCAGG 1

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RESULT 1832
US-10-340-583-23/c
; Sequence 23, Application US/10340583
; Publication No. US20030101488A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPPUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENSENCE AND PROGRAMMED
; TITLE OF INVENTION: CELL DEATH IN PLANTS
; FILE REFERENCE: 10799/51
; CURRENT APPLICATION NUMBER: US/10/340,583
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-10-340-583-23

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OY      3912 CATTTCACCTCTGGCTCTTT 3934
      |||||
DB      23 CCTTCTCTCTCTGAGATTCCTT 1
      |||||

RESULT 1833
US-10-340-778-23/c
; Sequence 23, Application US/10340778
; Publication No. US20030101489A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPPUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENSICENCE AND PROGRAMMED
; TITLE OF INVENTION: CELL DEATH IN PLANTS
; FILE REFERENCE: 10799/45
; CURRENT APPLICATION NUMBER: US/10/340,778
; PRIOR FILING DATE: 2003-01-13
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-10-340-778-23

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QY	3912	CATTTTCACTCTTGCGCTTCTTT	3934
Db	23	CCTTTCTCTCTAGGATTTCTTT	1

```

RESULT 1834
US-10-340-580-23/c
; Sequence 23, Application US/10340580
; Publication No. US20030106101A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-wei
; APPLICANT: Lu, Dongen Lily
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYRIPUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESCENCE AND PROGRAMMED
; TITLE OF INVENTION: CELL DEATH IN PLANTS
; FILE REFERENCE: 10799/48
; CURRENT APPLICATION NUMBER: US/10/340,580
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-580-23

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QY          3912  CATTTCACCTCTGCTCTCTT  3934
              ||| ||| ||| ||| ||| |||
Db          23    CCTTCTCTCTAGGATCTTT  1

RESULT 1835
US-10-340-581-23/c
; Sequence 23, Application US/10340581
; Publication No. US20030106102A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-wei
; APPLICANT: Lu, Dongen Liliy
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROXYNE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENSCEANCE AND PROGRAMMED
; TITLE OF INVENTION: CELL DEATH IN PLANTS
; FILE REFERENCE: 10799/55
; CURRENT APPLICATION NUMBER: US/10/340,581
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-581-23

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OY		3912	CATTTTCACTCTGGCTTC	3934
Db		23	CCTTTCCTCCTAGGATTCT	1

```

RESULT 1836
US-10-340-582-23/c
Sequence 23, Application US/10340582
Publication No. US20030106103A1
GENERAL INFORMATION:
APPLICANT: Thompson, John E.
APPLICANT: Wang, Tzann-Wei
APPLICANT: Lu, Dongen Jilly
TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROUSINE SYNTHASE, TRANSGENIC
TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESCENCE AND PROGRAMMED
FILE REFERENCE: 10799/54
CURRENT APPLICATION NUMBER: US/10/340,582
PRIOR APPLICATION NUMBER: 09/557,771
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 09/348,675
PRIOR FILING DATE: 1999-07-06
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-582-23

```

```

RESULT 1837
US-10-340-693-23/c
/ Sequence 23, Application US/10340693
/ Publication No. US20030106104A1
/ GENERAL INFORMATION:
/ APPLICANT: Thompson, John E.
/ APPLICANT: Wang, Tzann-wei
/ APPLICANT: Lu, Dongen Lilly
/ TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROXYLASE, TRANSGENIC
/ TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED
/ TITLE OF INVENTION: CELL DEATH IN PLANTS
/ FILE REFERENCE: 10799/49
/ CURRENT APPLICATION NUMBER: US/10/340,693
/ CURRENT FILING DATE: 2003-01-13
/ PRIOR APPLICATION NUMBER: 09/597,771
/ PRIOR FILING DATE: 2001-06-19
/ PRIOR APPLICATION NUMBER: 09/348,675
/ PRIOR FILING DATE: 1999-07-06
/ NUMBER OF SEQ ID NOS: 35
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 23
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-340-693-23

```

Matches	18, Conservative	0, Mismatches	5, Indels	0, Gaps
QY	3912 CATTTCACCTCTGCTCTTT	3934		
Db	23 CCTTCTCTCTAGATCTTT	1		

```

RESULT 1838
US-10-340-633-23/C
; Sequence 23, Application US/10340633
; Publication No. US20030115635A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, John E.
; APPLICANT: Wang, Tzann-Wei
; APPLICANT: Lu, Dongen Lilly
; TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPUSINE SYNTHASE, TRANSGENIC
; TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENSISCENCE AND PROGRAMMED
; FILE REFERENCE: 10799/47
; CURRENT APPLICATION NUMBER: US/10/340,633
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 09/597,771
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/348,675
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-10-340-633-23

```

```

RESULT 1839
US-10-340-813-23/c
? Sequence 23, Application US/10340813
? Publication No. US20030115636A1
? GENERAL INFORMATION:
? APPLICANT: Thompson, John E.
? APPLICANT: Wang, Tzann-Wei
? APPLICANT: Lu, Dongen Lilly
? TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYPPUSINE SYNTHASE, TRANSGENIC
? TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESCENCE AND PROGRAMMED
? TITLE OF INVENTION: CELL DEATH IN PLANTS
? FILE REFERENCE: 10799/46
? CURRENT APPLICATION NUMBER: US/10/340, 813
? CURRENT FILING DATE: 2003-01-13
? PRIOR APPLICATION NUMBER: 09/597,771
? PRIOR FILING DATE: 2001-06-19
? PRIOR APPLICATION NUMBER: 09/348,675
? PRIOR FILING DATE: 1999-07-06
? NUMBER OF SEQ ID NOS: 35
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 23
? LENGTH: 23
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence: primer
? US-10-340-813-23

```

Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3912 CATTTCACCTCTGGCTCTTT 3934  
Db 23 CCTTCTCTCTAGGATCTTT 1

RESULT 1840

US-10-340-650-23/C  
; Sequence 23, Application US/10340650  
; Publication No. US20030140377A1  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, John E.  
; APPLICANT: Wang, Tzann-Wei  
; APPLICANT: Lu, Dongen Liliy

TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROLYASE SYNTHASE, TRANSGENIC  
TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENEESCENCE AND PROGRAMMED  
FILE REFERENCE: 10799/50  
CURRENT APPLICATION NUMBER: US/10/340,650  
CURRENT FILING DATE: 2003-01-13  
PRIOR APPLICATION NUMBER: 09/557,771  
PRIOR FILING DATE: 2001-06-19  
PRIOR APPLICATION NUMBER: 09/348,675  
PRIOR FILING DATE: 1999-07-06  
NUMBER OF SEQ ID NOS: 35  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 23  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-10-340-650-23

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3912 CATTTCACCTCTGGCTCTTT 3934  
Db 23 CCTTCTCTCTAGGATCTTT 1

RESULT 1841

US-10-166-412-20  
; Sequence 20, Application US/10166412  
; Publication No. US20030143560A1  
; GENERAL INFORMATION:  
; APPLICANT: Andersen, Gitte  
; APPLICANT: Ek, Jakob

APPLICANT: Hansen, Torben  
APPLICANT: Pedersen, Oluf Borbye  
TITLE OF INVENTION: Mutant DNA-Encoding Peroxisome  
FILE REFERENCE: 6311,200-US  
CURRENT APPLICATION NUMBER: US/10/166,412  
CURRENT FILING DATE: 2002-06-07  
PRIOR APPLICATION NUMBER: PA 2001 01080  
PRIOR FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: EP 01610061.2  
PRIOR FILING DATE: 2001-06-08  
PRIOR APPLICATION NUMBER: 60/296,920  
PRIOR FILING DATE: 2001-06-08  
PRIOR APPLICATION NUMBER: 60/304,378  
PRIOR FILING DATE: 2001-07-10  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 20  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Synthetic  
US-10-166-412-20

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 7022 CAGAGAAATAGAAACCTCC 7044  
Db 1 CACGAAAAAGAAACCTTAC 23

RESULT 1842

US-10-087-229-15  
; Sequence 15, Application US/10087229  
; Publication No. US20030162184A1  
; GENERAL INFORMATION:  
; APPLICANT: Chou, Quin  
; APPLICANT: Cabradilla, Cirilo D.  
TITLE OF INVENTION: Methods of using PET labeled  
TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant  
TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same  
FILE REFERENCE: BIOS-001  
CURRENT APPLICATION NUMBER: US/10/087,229  
CURRENT FILING DATE: 2002-02-27  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetic oligonucleotide  
US-10-087-229-15

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4896 CACAAACATTCATTATGAGAAA 4918  
Db 1 CCCAAAAATTCATTATGCTGCAA 23

RESULT 1843

US-10-106-749-6  
; Sequence 6, Application US/10106749  
; Publication No. US20030165879A1  
; GENERAL INFORMATION:  
; APPLICANT: Insecent, Inc.  
; APPLICANT: Woods, Daniel  
APPLICANT: Dimitratos, Spiros  
TITLE OF INVENTION: EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECI  
TITLE OF INVENTION: AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE  
FILE REFERENCE: INS-00101.P.1.1  
CURRENT APPLICATION NUMBER: US/10/106,749  
CURRENT FILING DATE: 2002-03-26  
PRIOR APPLICATION NUMBER: 60/279,168  
PRIOR FILING DATE: 2001-03-27  
PRIOR APPLICATION NUMBER: 60/353,392  
PRIOR FILING DATE: 2002-01-31  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
FEATURE:  
NAME/KEY: msec\_feature

LOCATION: (16)..(23)  
OTHER INFORMATION: "n" can be any nucleotide  
US-10-106-749-6

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 100.0%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT 15

RESULT 1844  
US-10-222-943A-15  
Sequence 15, Application US/10222943A  
Publication No. US20030165920A1  
GENERAL INFORMATION:  
APPLICANT: Chou, Quin  
APPLICANT: Cabradilla JR, Cirilo D.  
TITLE OF INVENTION: Methods of Using FRT Labeled  
TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant  
FILE REFERENCE: BIOS-001CIP  
CURRENT APPLICATION NUMBER: US/10/222,943A  
PRIOR FILING DATE: 2002-08-15  
PRIOR APPLICATION NUMBER: 10/087,229  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 15  
LENGTH: 23  
TYPE: DNA  
ORGANISM: human  
US-10-222-943A-15

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4896 CACAAACATTCATTATGAGAAA 4918  
DB 1 CCAAAAATTCATTATGAGCAA 23

RESULT 1845  
US-10-240-540-5  
Sequence 5, Application US/10240540  
Publication No. US20030180813A1  
GENERAL INFORMATION:  
APPLICANT: Yamamoto Pharmaceutical Co., Ltd.  
TITLE OF INVENTION: Method for screening agents for the treatment of diabetes  
FILE REFERENCE: Y0128PCT-659  
CURRENT APPLICATION NUMBER: US/10/240,540  
CURRENT FILING DATE: 2002-10-02  
PRIOR APPLICATION NUMBER: JP 2000-367349  
PRIOR FILING DATE: 2000-12-01  
PRIOR APPLICATION NUMBER: JP 2001-243841  
PRIOR FILING DATE: 2001-08-10  
NUMBER OF SEQ ID NOS: 26  
SEQ ID NO 5  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-240-540-5

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2215 GGGGTGCTGAAGCCAGCTACC 2237  
DB 1 GGGGTGCTTGATGGCAGGTACC 23

RESULT 1846  
US-10-340-965-23/c  
Sequence 23, Application US/10340965  
Publication No. US20030182688A1  
GENERAL INFORMATION:  
APPLICANT: Thompson, John E.  
APPLICANT: Wang, Tsan-Mei  
APPLICANT: Lu, Dongen Lilly  
TITLE OF INVENTION: DNA ENCODING A PLANT DEOXYHYDROXY SYNTHASE, TRANSGENIC  
TITLE OF INVENTION: PLANTS AND A METHOD FOR CONTROLLING SENESENCE AND PROGRAMMED  
FILE REFERENCE: 10799/44  
CURRENT APPLICATION NUMBER: US/10/340,965  
CURRENT FILING DATE: 2003-01-13  
PRIOR APPLICATION NUMBER: 09/597,771  
PRIOR FILING DATE: 2001-06-19  
PRIOR APPLICATION NUMBER: 09/348,675  
PRIOR FILING DATE: 1998-07-06  
NUMBER OF SEQ ID NOS: 35  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 23  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-10-340-965-23

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3912 CATTTCACCTCTGCTCTTT 3934  
DB 23 CTTTCTCTCTAGATTCTTT 1

RESULT 1847  
US-10-084-839-2161  
Sequence 2161, Application US/10084839  
Publication No. US20030186238A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Allawi, Hatim  
APPLICANT: Argue, Brad T.  
APPLICANT: Bartholomay, Christian T.  
APPLICANT: Chehak, Ludne  
APPLICANT: Curtis, Michelle L.  
APPLICANT: Eis, Peggy S.  
APPLICANT: Hall, Jeff G.  
APPLICANT: IP, Hon S.  
APPLICANT: Ji, Lin  
APPLICANT: Kaiser, Michael  
APPLICANT: Kwiatkowski, Jr., Robert W.  
APPLICANT: Lukowiak, Andrew A.  
APPLICANT: Lyamichev, Victor  
APPLICANT: Lyamicheva, Natalie E.  
APPLICANT: Ma, Mupo  
APPLICANT: Neri, Bruce P.  
APPLICANT: Olson, Sarah M.  
APPLICANT: Olson-Munoz, Marilyn C.  
APPLICANT: Schaefer, James J.  
APPLICANT: Skrzypczynski, Zbigniew  
APPLICANT: Takova, Tsetska Y.  
APPLICANT: Thompson, Lisa C.  
APPLICANT: Vedvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06666  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004

SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2161  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-084-839-2161

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2861 AGAAGCAGAGGAGGAGGTG 2883  
Db 1 AGGATTCATGAGCAGAGAGCGC 23

RESULT 1848  
US-10-272-461-61  
; Sequence 61, Application US/10272461  
; Publication No. US20040076959A1  
; GENERAL INFORMATION:  
; APPLICANT: Strinivasan, Sabha  
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR POLYNUCLEOTIDE DETECTION  
; FILE REFERENCE: 37087-8002 US 01  
; CURRENT APPLICATION NUMBER: US/10/272,461  
; CURRENT FILING DATE: 2002-10-16  
; PRIOR APPLICATION NUMBER: US 60/343,298  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 61  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-272-461-61

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 6168 GACATTAAGCAAAAGAGTGATG 6130  
Db 1 GACATCAAGCAATGGAATGATG 23

RESULT 1849  
US-10-303-588-7/c  
; Sequence 7, Application US/10303588  
; Publication No. US20040116364A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION  
; FILE REFERENCE: HTS-0071  
; CURRENT APPLICATION NUMBER: US/10/303,588  
; CURRENT FILING DATE: 2002-11-22  
; NUMBER OF SEQ ID NOS: 78  
; SEQ ID NO 7  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Probe  
US-10-303-588-7

Query Match 0.2%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1548 GATCAAGTCTGGCCCATGCGCT 1570  
Db 1 GATCAAGTCTGGCCCATGCGCT 1570

Db 23 GAAGACAGTCTGGCCGACGCGCT 1

RESULT 1850  
US-10-216-122-151  
; Sequence 151, Application US/10216122  
; Publication No. US20030121063A1  
; GENERAL INFORMATION:  
; APPLICANT: Kazazian, Haig H.  
; APPLICANT: Oesterlag, Eric  
; APPLICANT: DeBartolinis, Ralph  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS  
; FILE REFERENCE: 053893-5006-03  
; CURRENT APPLICATION NUMBER: US/10/216,122  
; CURRENT FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 09/653,812  
; PRIOR FILING DATE: 2000-09-01  
; PRIOR APPLICATION NUMBER: US 08/847,844  
; PRIOR FILING DATE: 1997-04-28  
; PRIOR APPLICATION NUMBER: US 08/749,805  
; PRIOR FILING DATE: 1996-11-15  
; PRIOR APPLICATION NUMBER: US 60/006,831  
; PRIOR FILING DATE: 1995-11-16  
; NUMBER OF SEQ ID NOS: 154  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 151  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert  
US-10-216-122-151

Query Match 0.2%; Score 15; DB 1; Length 24;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4018 AGAAAAAGAGAAAAACAAT 4040  
Db 2 AAAAAAAAAAAAAAAAAAAAAAT 24

RESULT 1851  
US-09-828-034-12  
; Sequence 12, Application US/09828034  
; Patent No. US20020064771A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhong, Weidong  
; APPLICANT: Hong, Zhi  
; APPLICANT: Ferrari, Eric  
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES  
; FILE REFERENCE: IN01165  
; CURRENT APPLICATION NUMBER: US/09/828,034  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: U.S. 60/195,852  
; PRIOR FILING DATE: 2000-04-06  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 24  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA  
US-09-828-034-12

Query Match 0.2%; Score 15; DB 1; Length 24;  
Best Local Similarity 78.3%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5774 GCCGCGCTGCTGCTGCTGCTGCC 5796  
Db 1 GCCCGCGCGCGCGCGCGCGCGCC 23



Db 26 GAAAAAAAAAAAAAAAAAAAAA 4

```
RESULT 1856
US-09-092-296-10/c
; Sequence 10, Application US/09092296
; Publication No. US20020188114A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,296
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/048,810
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6104.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-092-296-10
Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39
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Query Match 0.2%; Score 15; DB 1; Length 26;
Best Local Similarity 78.3%; Pred. No. 1.7e+03;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Db 26 GAAAAAAAAAAAAAAAAAAAAA 4
Oy 4017 GAGAAAAAGAGAAAAACAAA 4039
US-10-659-684-39/c
; Sequence 39, Application US/10659684
; Publication No. US20040110932A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/659,684
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39
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Query Match 0.2%; Score 15; DB 1; Length 26;  
Best Local Similarity 78.3%; Pred. No. 1.7e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4017 GAGAAAAAGAGAGAAAAA 4039  
DB 26 GAAAAAAAAAAAAAAAAAAAAA 4

RESULT 1859  
US-09-927-777A-68  
Sequence 68, Application US/09927777A  
Patent No. US20020172953A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elshanian, Robert  
APPLICANT: Taton, Thomas A.  
APPLICANT: Garimella, Viswanadham  
APPLICANT: Li, Zhi  
TITLE OF INVENTION: Nanoparticles Having Oligonucleotides Attached Thereto  
FILE REFERENCE: 00-653-A  
CURRENT APPLICATION NUMBER: US/09/927,777A  
PRIOR FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 09/820,279  
PRIOR FILING DATE: 2001-03-28  
PRIOR APPLICATION NUMBER: 09/760,500  
PRIOR FILING DATE: 2001-01-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/176,409  
PRIOR FILING DATE: 2000-01-13  
PRIOR APPLICATION NUMBER: 60/192,699  
PRIOR FILING DATE: 2000-03-28  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/213,906  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/224,631  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/254,392  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/255,235  
PRIOR FILING DATE: 2000-12-11  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 68  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-09-927-777A-68

Query Match 0.2%; Score 15; DB 1; Length 30;  
Best Local Similarity 78.3%; Pred. No. 1.9e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3278 AAGAAAGAAATGAACGAGACC 3300  
||| ||||| ||| |||||

DB 5 AAAAAAAAAAAAAAAAAAGCAGACC 27

RESULT 1860  
US-10-008-978-68  
Sequence 68, Application US/10008978  
Publication No. US20030087242A1  
GENERAL INFORMATION:  
APPLICANT: Mirkin, Chad A.  
APPLICANT: Letsinger, Robert L.  
APPLICANT: Mucic, Robert C.  
APPLICANT: Storchoff, James J.  
APPLICANT: Elshanian, Robert  
APPLICANT: Taton, Thomas A.  
APPLICANT: Garimella, Viswanadham  
APPLICANT: Li, Zhi  
APPLICANT: Lu, Gang  
TITLE OF INVENTION: Nanoparticles Having Oligonucleotides Attached Thereto  
FILE REFERENCE: 00-1272-C  
CURRENT APPLICATION NUMBER: US/10/008,978  
PRIOR FILING DATE: 2002-05-20  
PRIOR APPLICATION NUMBER: 09/927,777  
PRIOR FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 09/820,279  
PRIOR FILING DATE: 2001-03-28  
PRIOR APPLICATION NUMBER: 09/760,500  
PRIOR FILING DATE: 2001-01-12  
PRIOR APPLICATION NUMBER: 09/603,830  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 09/344,667  
PRIOR FILING DATE: 1999-06-25  
PRIOR APPLICATION NUMBER: 09/240,755  
PRIOR FILING DATE: 1999-01-29  
PRIOR APPLICATION NUMBER: PCT/US97/12783  
PRIOR FILING DATE: 1997-07-21  
PRIOR APPLICATION NUMBER: 60/031,809  
PRIOR FILING DATE: 1996-07-29  
PRIOR APPLICATION NUMBER: 60/176,409  
PRIOR FILING DATE: 2000-01-13  
PRIOR APPLICATION NUMBER: 60/192,699  
PRIOR FILING DATE: 2000-03-28  
PRIOR APPLICATION NUMBER: 60/200,161  
PRIOR FILING DATE: 2000-04-26  
PRIOR APPLICATION NUMBER: 60/213,906  
PRIOR FILING DATE: 2000-06-26  
PRIOR APPLICATION NUMBER: 60/224,631  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/254,392  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/254,418  
PRIOR FILING DATE: 2000-12-08  
PRIOR APPLICATION NUMBER: 60/255,235  
PRIOR FILING DATE: 2000-12-11  
PRIOR APPLICATION NUMBER: 60/255,236  
PRIOR FILING DATE: 2000-12-11  
PRIOR APPLICATION NUMBER: 60/282,640  
PRIOR FILING DATE: 2000-04-01  
NUMBER OF SEQ ID NOS: 76  
SOFTWARE: Microsoft Word 2000  
SEQ ID NO 68  
LENGTH: 30  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: random  
US-10-008-978-68

Query Match 0.2%; Score 15; DB 1; Length 30;  
Best Local Similarity 78.3%; Pred. No. 1.9e+03;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;



TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-591-486B-149

Query Match 0.2% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4299 CATCTTTTCCTCCCT 4316  
Db 1 CATCTTATCTCTTCCT 18

RESULT 1864  
US-09-280-030-28/C  
Sequence 28, Application US/09280030A  
Patent No. US2001002151A1  
GENERAL INFORMATION:  
APPLICANT: Sato, Seiji  
APPLICANT: Higashikuni, Naohiko  
APPLICANT: Kudo, Toshiyuki  
APPLICANT: Kondo, Masaaki  
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR  
TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE  
TITLE OF INVENTION: DNAS  
FILE REFERENCE: 382.1026  
CURRENT APPLICATION NUMBER: US/09/280,030A  
CURRENT FILING DATE: 1999-03-26  
EARLIER APPLICATION NUMBER: JP10-87339/1998  
EARLIER FILING DATE: 1998-03-31  
NUMBER OF SEQ ID NOS: 66  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 28  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Designated is  
OTHER INFORMATION: a reverse primer for PCR amplification of  
OTHER INFORMATION: MWpdp-MWpmps DNA  
US-09-280-030-28

Query Match 0.2% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7415 GCAGCAGCAGCAGCA 7432  
Db 18 GCAGCAGGAAGCAGCA 1

RESULT 1865  
US-09-969-373-4130  
Sequence 4130, Application US/09969373  
Patent No. US2002013852A1  
GENERAL INFORMATION:  
APPLICANT: Haug, Roger J.  
APPLICANT: Effertz, Brian M.  
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
FILE REFERENCE: 38-10(52679)A  
CURRENT APPLICATION NUMBER: US/09/969,373  
CURRENT FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: US 09/754,853  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: US 09/760,427  
PRIOR FILING DATE: 2001-01-13  
PRIOR APPLICATION NUMBER: US 09/855,768  
PRIOR FILING DATE: 2001-05-15  
NUMBER OF SEQ ID NOS: 4593  
SEQ ID NO 4130

LENGTH: 18  
TYPE: DNA  
ORGANISM: glycine max  
US-09-969-373-4130

Query Match 0.2% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4859 TGGTGGCTACATGTTTC 4876  
Db 1 TGGTGGCTAGCTGTTTC 18

RESULT 1866  
US-09-263-959-716  
Sequence 716, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESS: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 716:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-716

Query Match 0.2% Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.2e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTT 4481  
Db 1 TTTTCTTTTCTTTT 18

RESULT 1867  
US-09-961-077-1169/C  
Sequence 1169, Application US/09961077  
Publication No. US20030014775A1  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens

```

;
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
;
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; IN PLANTS
;
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; Storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
;
; CURRENT APPLICATION NUMBER: US/09/961,077
; FILING DATE: 21-Sep-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/679,645
; FILING DATE: July 12, 1996
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 1169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1169:
;
; US-09-961-077-1169
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 65 GCTGCGGGGGGGGGCGG 82
; Db 18 GCTGCTGGGGGGGGCGG 1
;
;
; RESULT 1868
; US-09-500-700-68
; Sequence 68, Application US/09500700
; Publication No. US20030059767A1
;
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: GOTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter E.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIPT1160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
;

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;
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18
;
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
;
; FEATURE:
; OTHER INFORMATION: (GCG) 6 probe
;
; US-09-500-700-68
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 65 GCTGCGGGGGGGGGCGG 82
; Db 1 GCGGCGGGGGGGGGCGG 18
;
;
; RESULT 1869
; US-09-968-122-9
; Sequence 9, Application US/09968122
; Publication No. US20030158397A1
;
; GENERAL INFORMATION:
; APPLICANT: Ramos, Juan Luis
; APPLICANT: Ben-Bassat, Arle
; APPLICANT: Godoy, Patricia
; APPLICANT: Ramos-Gonzalez, Maria Isabel
; APPLICANT: Duque, Estrella
; TITLE OF INVENTION: Methods for Production of p-Hydroxybenzoate in Bacteria
; FILE REFERENCE: BC1030 US NA
; CURRENT APPLICATION NUMBER: US/09/968,122
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/236,879
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence, primer
; FEATURE:
; OTHER INFORMATION:
;
; US-09-968-122-9
;
;
; Query Match 0.2%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 1.2e+03;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 7419 CAGCAGCAGCAGCAGC 7436
; Db 1 CAGCAGCAGCAGCAGC 18
;
;
; RESULT 1870
; US-09-132-231-23
; Sequence 23, Application US/09132231A
; Publication No. US20030198950A1
;
; GENERAL INFORMATION:
; APPLICANT: HORWITZ, Marshall S.
; APPLICANT: LOEB, Lawrence A.
; TITLE OF INVENTION: METHOD FOR PRODUCING NOVEL DNA SEQUENCES WITH
; BIOLOGICAL ACTIVITY
;

```

```
FILE REFERENCE: 032425-001
CURRENT APPLICATION NUMBER: US/09/132,231A
CURRENT FILING DATE: 1998-08-11
PRIOR APPLICATION NUMBER: US 08/316,415
PRIOR FILING DATE: 1994-09-30
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
ORGANISM: Escherichia coli
US-09-132-231-23

Query Match
Best Local Similarity 0.2%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3927 GCTTCTTTCTCCCTTGA 3944
DB 1 GCCCCTTTCTCCTTGA 18

RESULT 1871
US-09-825-566-56
Sequence 56, Application US/09825566
GENERAL INFORMATION:
APPLICANT: LAIRD, Peter
APPLICANT: EADS, Cindy
TITLE OF INVENTION: EPIGENETIC SEQUENCES FOR ESOPHAGEAL ADENOCARCINOMA
FILE REFERENCE: 47675-12
CURRENT APPLICATION NUMBER: US/09/825,566
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.0
SEQ ID NO 56
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-825-566-56

Query Match
Best Local Similarity 0.2%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2194 CGCATCATCTTCTACCGA 2211
DB 1 CGCCTCATCTTCTCCCGA 18

RESULT 1872
US-10-282-174-18/c
Sequence 18, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph B.
APPLICANT: Bertam, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
```

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PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-18

Query Match
Best Local Similarity 0.2%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6860 CTTCTCCCTGGGAGGAGA 6877
DB 18 CTTCTCTGGGAGGAGA 1

RESULT 1873
US-10-188-404-32
Sequence 32, Application US/10188404
Publication No. US20030105286A1
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Lelf
APPLICANT: Coull, James M.
APPLICANT: Kieley, John
APPLICANT: Grieffich, Michael
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS5042
CURRENT APPLICATION NUMBER: US/10/188,404
CURRENT FILING DATE: 2002-07-01
PRIOR APPLICATION NUMBER: 08/275,951
PRIOR FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/765,798
PRIOR FILING DATE: 1997-04-23
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.1
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
NAME/KEY: misc feature
LOCATION: (9)-(10)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
OTHER INFORMATION: Amino Hexanoic Acid, Lysine Linkage
US-10-188-404-32

Query Match
Best Local Similarity 0.2%; Score 14.8; DB 1; Length 18;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4481
DB 1 TTTGTTTCTTTTCTTTT 18
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RESULT 1874
US-10-188-404-32/c
; Sequence 32, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coulli, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)_(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage
US-10-188-404-32

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      4022 AAAAGAGGAAAACAAA 4039
      ||||| ||||| |||||
Db      18 AAAAGAAAACAAA 1

RESULT 1875
US-10-188-404-33
; Sequence 33, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lelf
; APPLICANT: Coulli, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (9)_(10)
; OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine,
; OTHER INFORMATION: Amino Hexanoic Acid, Lysine linkage
US-10-188-404-33

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      4464 TTTTCTTTTCTTTT 4481
      ||||| ||||| |||||
Db      1 TTTTCTTTTCTTTT 18

RESULT 1876
US-10-314-405-45
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Hidetoshi, Inoko
; APPLICANT: Gen, Tamaiya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS I
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/314,405
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/713,616
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-314-405-45

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No.1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      65 GCTGCGGCGGCGGCGG 82
      ||||| ||||| |||||
Db      1 GCGCGGCGGCGGCGGCG 18

RESULT 1877
US-10-424-211-46/c
; Sequence 46, Application US/10424211
; Publication No. US20030175793A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF NF-KAPPA-B P65 SUBUNIT EXPRESSION
; FILE REFERENCE: RISP-0116
; CURRENT APPLICATION NUMBER: US/10/424,211
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US/09/856,747
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: US 09/199,859
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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US-10-424-211-46

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2124 TGAAGACTGTCTCAT 2141

DB 18 TGAAGACTGTCTCAT 1

RESULT 1878

US-10-349-143-6054/c

Sequence 6054, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/10/349,143

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6054

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer\_bind

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-8638 for SEQ 2120,

US-10-349-143-6054

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5704 CTTCCTTTCTCTCTC 5721

DB 18 CTTCCTTTCTCTCTC 1

RESULT 1879

US-10-349-143-11203/c

Sequence 11203, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT APPLICATION NUMBER: US/10/349,143

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 11203

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer\_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 99-3385 for SEQ 3338, in compleme

US-10-349-143-11203

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2341 CACACCCGCTTTCTGT 2358

DB 18 CACACCCGCTTTCTGT 1

RESULT 1880

US-10-203-295-26/c

Sequence 26, Application US/10203295

Publication No. US20040115762A1

GENERAL INFORMATION:

APPLICANT: Zolchev, Sergey Borisovich

APPLICANT: Sekurova, Olga Nikolayivna

APPLICANT: Pjaervik, Epsen

APPLICANT: Brautaset, Trygve

APPLICANT: Strom, Arne Reidar

APPLICANT: Valla, Svein

APPLICANT: Ellingsen, Trond Erling

APPLICANT: Sletta, Hvard

APPLICANT: Gulliksen, Ole-Martin

TITLE OF INVENTION: Novel genes encoding a mycactin polyketide synthase and their

FILE REFERENCE: 1181-265

CURRENT APPLICATION NUMBER: US/10/203,295

PRIOR FILING DATE: 2003-05-19

PRIOR APPLICATION NUMBER: PCT/GB 01/00509

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: GB 0002840.7

PRIOR FILING DATE: 2000-02-08

PRIOR APPLICATION NUMBER: GB 0008786.6

PRIOR FILING DATE: 2000-04-10

PRIOR APPLICATION NUMBER: GB 0009387.2

PRIOR FILING DATE: 2000-04-14

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn version 3.0

SEQ ID NO 26

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1)-(18)

OTHER INFORMATION: primer

US-10-203-295-26

Query Match 0.2%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 1.2e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5542 GGTGTGATGCAGTGG 5559

DB 18 GGTGTGATGCAGTGG 1

RESULT 1881

US-10-240-126-56

Sequence 56, Application US/10240126

Publication No. US20040170977A1

GENERAL INFORMATION:

APPLICANT: LAIRD, Peter W.

APPLICANT: EADS, Cindy A.

```
; TITLE OF INVENTION: EPigenetic Sequences for Esophageal Adenocarcinoma
; FILE REFERENCE: 47675-31
; CURRENT APPLICATION NUMBER: US/10/240,126
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US60/193,839
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10658
; PRIOR FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-126-56

Query Match          0.2%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.2e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2194 CGCATCATCTCTACCGA 2211  
DB 1 CGCCTCATCTTCTCCCGA 18

RESULT 1882  
US-09-791-932-170  
; Sequence 170, Application US/09791932  
; Publication No. US2003003451A1  
; GENERAL INFORMATION:  
; APPLICANT: Vogel, Gabriel  
; APPLICANT: Parodi, Luis A.  
; APPLICANT: Hiebsch, Ronald R.  
; APPLICANT: Lind, Peter  
; APPLICANT: Kayles, Paul S.  
; APPLICANT: Ruff, Valerie  
; APPLICANT: Huff, Rita M.  
; APPLICANT: Wood, Linda S.  
; TITLE OF INVENTION: No. US20030003451A1el G Protein-coupled Receptors Cross-Referen  
; FILE REFERENCE: 00325.US1  
; CURRENT APPLICATION NUMBER: US/09/791,932  
; CURRENT FILING DATE: 2001-02-23  
; PRIOR APPLICATION NUMBER: 60/184,305  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,304  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,303  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,397  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,247  
; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/188,880  
; PRIOR FILING DATE: 2000-03-13  
; PRIOR APPLICATION NUMBER: 60/217,369  
; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/217,370  
; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/218,492  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: 60/186,810  
; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: 60/188,064  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: 60/186,457  
; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: 60/213,861  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: 60/194,344  
; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: 60/218,337  
; PRIOR FILING DATE: 2000-07-14  
; NUMBER OF SEQ ID NOS: 184

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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 170
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-09-791-932-170

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 3638 AGGAGTAGATGGGGAAG 3655  
DB 1 AGCAGTAGATGAGGAAG 18

RESULT 1883  
US-10-252-155-72/c  
; Sequence 72, Application US/10252155  
; Publication No. US20040068096A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT  
; FILE REFERENCE: D0152 NP  
; CURRENT APPLICATION NUMBER: US/10/252,155  
; CURRENT FILING DATE: 2002-09-20  
; PRIOR APPLICATION NUMBER: US 60/324,172  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: US 60/333,700  
; PRIOR FILING DATE: 2001-11-27  
; NUMBER OF SEQ ID NOS: 783  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 72  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-252-155-72

Query Match 0.2%; Score 14.8; DB 1; Length 19;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3419 TCCTCTCTGTCCACATT 3436  
DB 1 TCCTCACTGTCAACATT 1

RESULT 1884  
US-10-251-117-247  
; Sequence 247, Application US/10251117  
; Publication No. US20030170891A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re  
; FILE REFERENCE: 900/042 (MHB02-468-A)  
; CURRENT APPLICATION NUMBER: US/10/251,117  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: US 60/393,924  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/163,552  
; PRIOR FILING DATE: 2002-06-06  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 09/916,466  
; PRIOR FILING DATE: 2001-07-25  
; PRIOR APPLICATION NUMBER: US 60/296,249  
; PRIOR FILING DATE: 2001-06-06  
; NUMBER OF SEQ ID NOS: 1213

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/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 247
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-247

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 0; Conservative 16; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
DB 1 UUUUUUUUUUUUUUUUU 18

RESULT 1885
US-10-251-117-496/c
/ Sequence 496, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US/10/251,117
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 496
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-496

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4481
DB 19 TTTTGTGTTGTTT 2

RESULT 1886
US-10-225-023-49/c
/ Sequence 49, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US/10/225,023
/ PRIOR FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-07-23
```

```
/ PRIOR APPLICATION NUMBER: US 60/294,140
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 49
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-225-023-49

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4306 TTCCTTCCCTGCACTGT 4323
DB 19 TTCCTTCCCTGCACTGT 2

RESULT 1887
US-10-225-023-75/c
/ Sequence 75, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US/10/225,023
/ PRIOR FILING DATE: 2002-07-23
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 10/157,580
/ PRIOR FILING DATE: 2002-05-29
/ NUMBER OF SEQ ID NOS: 1494
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 75
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-225-023-75

Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4306 TTCCTTCCCTGCACTGT 4323
DB 18 TTCCTTCCCTGCACTGT 1

RESULT 1888
US-10-225-023-787
/ Sequence 787, Application US/10225023
/ Publication No. US20030175950A1
/ GENERAL INFORMATION:
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of HIV Gene Expression Using
/ FILE REFERENCE: 400/054 (MBHB01-665-B)
/ CURRENT FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US/10/225,023
/ PRIOR FILING DATE: 2003-01-06
/ PRIOR APPLICATION NUMBER: US 60/398,036
/ PRIOR FILING DATE: 2002-07-23
```

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; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 787
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-787

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY      4306 TTCCTCCCTGGACTGT 4323
Db      1 UUCUUCUCCUGCAGUGU 18

RESULT 1889
US-10-225-023-813
; Sequence 813, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 400/054 (MHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 813
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-813

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 9; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY      4306 TTCCTCCCTGGACTGT 4323
Db      2 UUCUUCUCCUGCAGUGU 19

RESULT 1890
US-10-173-240-7/c
; Sequence 7, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EFP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
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; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-173-240-7

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2061 GGATGCCACCCAGCCG 2078
Db      18 GGATGCCAGCTCAGCCG 1

RESULT 1891
US-10-349-143-5817
; Sequence 5817, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSERT.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5817
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-7104 for SEQ 1883,
US-10-349-143-5817

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5702 GCCTTCCTTTTCTTTC 5719
Db      1 GCCTTCCTTTTCTTTC 18

RESULT 1892
US-10-206-705-68
; Sequence 68, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphate
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
; LENGTH: 19
```

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-206-705-68

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.3e+03;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      6615 CCCATCAGGCTAGAAAA 6632
      |||:|||||
Db      1  CCCATCAAGAGAAAAA 18

RESULT 1893
US-10-206-705-253/c
; Sequence 253, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 253
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-253

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6615 CCCATCAGGCTAGAAAA 6632
      |||:|||||
Db      19  CCCATCAAGAGAAAAA 2

RESULT 1894
US-10-444-795B-737/c
; Sequence 737, Application US/10444795B
; Publication No. US20040077574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE
; FILE REFERENCE: 200125,449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 737
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
US-10-444-795B-737

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGAGAGATTTC 1641
```

```

Db      18  CAGCTGCGAGAGATTTC 1
      |||:|||||

RESULT 1895
US-10-444-795B-738
; Sequence 738, Application US/10444795B
; Publication No. US20040077574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE
; FILE REFERENCE: 200125,449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FaastSeq for Windows Version 4.0
; SEQ ID NO 738
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
US-10-444-795B-738

Query Match      0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 1.3e+03;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGAGAGATTTC 1641
      |||:|||||
Db      2  CAGCTGCGAGAGATCUC 19

RESULT 1896
US-10-665-951-1729
; Sequence 1729, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 1729
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1729
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 1.3e+03;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      2659 GTGACACAAGAGCATGAC 2676
Db      2 GUGACACAAGAGGUGUGAC 19
```

```
RESULT 1897
US-10-665-951-1976/c
; Sequence 1976, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggan, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MEH02-742-F)
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1976
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1976
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
OY      2659 GTGACACAAGAGCATGAC 2676
Db      18 GTGACACAAGAGTGTGAC 1
```

RESULT 1898

```
US-10-474-481A-34/c
; Sequence 34, Application US/10474481A
; Publication No. US20040171067A1
; GENERAL INFORMATION:
; APPLICANT: HINDMA, SYUJI
; APPLICANT: FUJII, RYO
; APPLICANT: KAWAMATA, YUJI
; APPLICANT: MIWA, MASANORI
; APPLICANT: HOSOYA, MASAKI
; TITLE OF INVENTION: SCREENING METHOD
; FILE REFERENCE: 59974(46342)
; CURRENT APPLICATION NUMBER: US/10/474,481A
; CURRENT FILING DATE: 2003-10-08
; PRIOR APPLICATION NUMBER: PCT/JP02/03613
; PRIOR FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: JP 2001-114203
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: JP 2001-180562
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: JP 2001-214922
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: JP 2001-397767
; PRIOR FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: JP 2002-45728
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
US-10-474-481A-34
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      1269 GAAGCTGACCGACACCA 1286
Db      18 GAAGCTCAGCAGACACCA 1
```

```
RESULT 1899
US-09-800-629A-28/c
; Sequence 28, Application US/09800629A
; Patent No. US20020128216A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-28
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Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5272 ATAGGAGCAGGTGCAG 5289  
Db 20 AGACGAGCAGGTGCAG 3

RESULT 1900  
US-09-814-777A-69  
Sequence 69, Application US/09814777A  
Patent No. US20020142415A1  
GENERAL INFORMATION:  
APPLICANT: KOOPMAN, Peter Anthony  
APPLICANT: MUSCAT, George Eugene Orlando  
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND POLYNUCLEOTIDES AND METHODS OF USING THEM  
FILE REFERENCE: 21415-0003  
CURRENT APPLICATION NUMBER: US/09/814,777A  
PRIORITY FILING DATE: 2001-03-23  
PRIOR APPLICATION NUMBER: AU P06457  
PRIOR FILING DATE: 2000-03-24  
NUMBER OF SEQ ID NOS: 128  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 69  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Sox18 A primer  
US-09-814-777A-69

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2634 GGCTTCGGGCGCAGATA 2651  
Db 1 GGCTTCGGGCGCAGATA 18

RESULT 1901  
US-09-974-546-62/c  
Sequence 62, Application US/09974546  
Publication No. US20030050470A1  
GENERAL INFORMATION:  
APPLICANT: An, Gang  
O'Hara, S. Mark  
Ralph, David  
Veltri, Robert  
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,  
PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/974,546  
FILING DATE: 10-Oct-2001  
CLASSIFICATION: Unknown  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/097,199  
FILING DATE: 1998-06-12  
ATTORNEY/AGENT INFORMATION:

NAME: Nakashima, Richard A.  
REGISTRATION NUMBER: P-42,023  
REFERENCE/DOCKET NUMBER: UROC:018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 62:

US-09-974-546-62

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3414 CTATTCTCTCTGCCA 3431  
Db 19 CATATCTCTTTGTCCA 2

RESULT 1902  
US-09-784-674-735  
Sequence 735, Application US/09784674  
Publication No. US20030054346A1  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
Molber, Paul K.  
Delenstarr, Glenda C.  
Webb, Peter G.  
Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
probe sequences  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard  
Company M/S 2080  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,674  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: No. US20030054346A1 available  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/021,701  
FILING DATE: 10-FEB-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-852-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 735:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

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; SEQUENCE DESCRIPTION: SEQ ID NO: 735:
US-09-784-674-735
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5703 CCTTCCTTTCTCTCTCT 5720
      |||||
Db      2 CCTTCCTTTCTCTCTCT 19

RESULT 1903
US-09-919-197-68/C
; Sequence 68, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-68

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      860 ATGTCAGCCACGCTCT 877
      |||||
Db      18 ATTCACAGCCACGCTCT 1

RESULT 1904
US-09-920-033-114/C
; Sequence 114, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-114

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6291 AACTGCGCTCCAGGAT 6308
      |||||
Db      19 AACTGCGCTCCAGGAT 2

RESULT 1905
US-09-953-318-55/C
; Sequence 55, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-55

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3649 GGGAGAGAAATACCCAG 3666
      |||||
Db      18 GGGAGAGAAATACCCAG 1

RESULT 1906
US-09-923-515-13/C
; Sequence 13, Application US/09923515
; Publication No. US20030119766A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN (A) EXPRESSION
; FILE REFERENCE: ISPH-0595
; CURRENT APPLICATION NUMBER: US/09/923,515
; CURRENT FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-923-515-13

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1752 GCAGCTCATTTATGTCAT 1769
      |||||
Db      18 GCAGCTCATTTATGTCAT 1

RESULT 1907
US-10-403-676-179/C
; Sequence 179, Application US/10403676
; Publication No. US20040029150A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook II, John
; APPLICANT: Anderson, David W.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Grose, William M.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gusev, Vladimir Y.
```

```

; APPLICANT: Ji, Weizhen
; APPLICANT: LeRoche, William J.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Li, Li
; APPLICANT: Liu, Xiaohong
; APPLICANT: MacDougall, John R.
; APPLICANT: Malvankar, Uriel M.
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Paturajan, Meera
; APPLICANT: Peyman, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Stone, David J.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Vernhet, Corinne
; APPLICANT: Zehusen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-53B
; CURRENT APPLICATION NUMBER: US/10/403,676
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/123,667
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 09/520,781
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/371,002
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 09/538,092
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/370,381
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384,297
; PRIOR FILING DATE: 2002-05-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 179
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-676-179

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      167 GGACTTCACAGTCTCCGG 184
Db      19 GGACTTCACAGGCTCCGG 2

RESULT 1908
US-10-072-012-1278/c
; Sequence 1278, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Vellizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zehusen, Bryan
; APPLICANT: Paturajan, Meera
; APPLICANT: Shinkets, Richard
```

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; APPLICANT: Li, Li
; APPLICANT: Gangoli, Esba
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier, Jr. Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Coleman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsdorff II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Reiger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: Patencin Ver. 2.1
; SEQ ID NO 1278
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag349 Reverse
US-10-072-012-1278

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      167 GGACTTCACAGTCTCCGG 184
Db      19 GGACTTCACAGGCTCCGG 2

RESULT 1909
US-10-210-172-267
; Sequence 267, Application US/10210172
; Publication No. US20040043928A1
; GENERAL INFORMATION:
; APPLICANT: Kexuda, Ramesh
; APPLICANT: Miller, Charles
; APPLICANT: Paturajan, Meera
; APPLICANT: Pena, Carol
; APPLICANT: Reiger, Daniel
; APPLICANT: Shinkets, Richard
```

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; APPLICANT: Zernhusen, Bryan
; APPLICANT: Li, Li
; APPLICANT: Ji, Weizhen
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Gorman, Linda
; APPLICANT: Lette, Mario
; APPLICANT: Vermet, Corine
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zhong, Mei
; APPLICANT: Gerlach, Valerie
; APPLICANT: Hjalb, Tord
; APPLICANT: Rastelli, Luca
; APPLICANT: Spytek, Kimberly
; APPLICANT: Edinger, Shlomit
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel
; APPLICANT: MacDougall, John
; APPLICANT: Stone, David
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-416 A
; CURRENT APPLICATION NUMBER: US/10/210,172
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/323,994
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/373,814
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310,544
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/313,201
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/312,892
; PRIOR FILING DATE: 2001-08-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 327
; SOFTWARE: CuroSeqdist version 0.1
; SEQ ID NO 267
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-172-267

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2337 CCATCACACCCGCTTT 2354
Db      1 CCATCACACACGCACTTT 18

RESULT 1910
US-10-665-216-44
; Sequence 44, Application US/10665216
; Publication No. US20040043957A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Matt
; TITLE OF INVENTION: ANTISENSE MODULATION OF UROKINASE PLASMINOGEN ACTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0188
; CURRENT APPLICATION NUMBER: US/10/665,216
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/821,972
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-665-216-44

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1965 TTTTCAACAGCCAGTGAT 1982
Db      2 TTTTCCAAAGCCAGTGAT 19

RESULT 1911
US-10-617-334-150/c
; Sequence 150, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-150

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2810 TGGATGAGAGAAAGCTTT 2827
Db      20 TGGATTGAGAGAAAGCTTT 3

RESULT 1912
US-09-923-517-97/c
; Sequence 97, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide

```

```

: LENGTH: 20
: TYPE: DNA
: ORGANISM: ARTIFICIAL SEQUENCE
: FEATURE:
: OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-36

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6682 TTATTTTATATATATAT 6699
      ||||||| |||||
DB      18 TTTTATATATATATAT 1

RESULT 1914
US-10-683-386-42/c
: Sequence 42, Application US/10683386
: Publication No. US20040063137A1
: GENERAL INFORMATION:
: APPLICANT: KURANE, RYUICHIRO
: APPLICANT: KANAGAWA, TAKAHIRO
: APPLICANT: KANAGAWA, YOICHI
: APPLICANT: YAMADA, KAZUTAKA
: APPLICANT: YOKOMAKU, TOTOKAZU
: APPLICANT: KOYAMA, OSAMU
: APPLICANT: FURUSHO, KENTU
: TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
: TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
: TITLE OF INVENTION: THE METHOD
: FILE REFERENCE: 0163-0758-0X
: CURRENT APPLICATION NUMBER: US/10/683,386
: CURRENT FILING DATE: 2000-04-20
: PRIOR APPLICATION NUMBER: US/09/556,127
: PRIOR FILING DATE: 2000-04-20
: PRIOR APPLICATION NUMBER: JP 1999-111601
: PRIOR FILING DATE: 1999-04-20
: NUMBER OF SEQ ID NOS: 70
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 42
: LENGTH: 20
: TYPE: DNA
: ORGANISM: ARTIFICIAL SEQUENCE
: FEATURE:
: OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-42

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6682 TTATTTTATATATATAT 6699
      ||||||| |||||
DB      18 TTTTATATATATATAT 1

RESULT 1915
US-10-144-488-75
: Sequence 75, Application US/10144488
: Publication No. US20030212017A1
: GENERAL INFORMATION:
: APPLICANT: Brett P. Monia
: APPLICANT: Susan M. Freier
: TITLE OF INVENTION: ANTISENSE MODULATION OF PARNESYL TRANSFERASE BETA SUBUNIT EXPRESS
: FILE REFERENCE: R15-0363
: CURRENT APPLICATION NUMBER: US/10/144,488
: CURRENT FILING DATE: 2002-05-10
: NUMBER OF SEQ ID NOS: 80
: SEQ ID NO 75
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence

```

FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-144-488-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5910 TGTTCCTCAACCCAGAG 5927  
DB 2 TGTTCCTCAACCCAGAG 19

RESULT 1916  
US-10-160-787-52/c  
Sequence 52, Application US/10160787  
Publication No. US2003025256A1  
GENERAL INFORMATION:  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION  
FILE REFERENCE: RTS-0204  
CURRENT APPLICATION NUMBER: US/10/160,787  
CURRENT FILING DATE: 2002-05-31  
NUMBER OF SEQ ID NOS: 141  
SEQ ID NO 52  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-160-787-52

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2278 TGCATCAAACTGGAAG 2295  
DB 20 TACATCAATTGGAAG 3

RESULT 1917  
US-10-446-373-55/c  
Sequence 55, Application US/10446373  
Publication No. US20030204076A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
FILE REFERENCE: RTS-0232  
CURRENT APPLICATION NUMBER: US/10/446,373  
CURRENT FILING DATE: 2003-05-28  
PRIOR APPLICATION NUMBER: US/09/953,318  
PRIOR FILING DATE: 2001-09-13  
NUMBER OF SEQ ID NOS: 154  
SEQ ID NO 55  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-446-373-55

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3649 GGGGAAGAATATCCAG 3666  
DB 18 GGGGAAGAATCTCCAG 1

RESULT 1918  
US-10-388-360-179  
Sequence 179, Application US/10388360  
Publication No. US20030252528A1  
GENERAL INFORMATION:  
APPLICANT: GENOMIC HEALTH  
APPLICANT: Baker, Joffe B.  
APPLICANT: Cronin, Maureen T.  
APPLICANT: Kiefer, Michael C.  
APPLICANT: Shak, Steve  
APPLICANT: Walker, Michael Graham  
TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPRIED TUMOR TISSUES  
FILE REFERENCE: 39740-0001US  
CURRENT APPLICATION NUMBER: US/10/388,360  
CURRENT FILING DATE: 2003-03-12  
PRIOR APPLICATION NUMBER: US 60/412,049  
PRIOR FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: US 60/364,890  
PRIOR FILING DATE: 2002-03-13  
NUMBER OF SEQ ID NOS: 384  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 179  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-388-360-179

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2851 CCAATCCAGAGAGCA 2868  
DB 3 CCAATCCAGAGAGCA 20

RESULT 1919  
US-10-116-949-21/c  
Sequence 21, Application US/10116949  
Publication No. US2003004931A1  
GENERAL INFORMATION:  
APPLICANT: Letman, Michael I.  
APPLICANT: Minna, John D.  
APPLICANT: Latif, Farida  
APPLICANT: Wei, Ming-Hui  
APPLICANT: Sekido, Yoshitaka  
APPLICANT: Gao, Boning  
APPLICANT: Duh, Fuh-Wei  
TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof  
FILE REFERENCE: NIH-05043  
CURRENT APPLICATION NUMBER: US/10/116,949  
CURRENT FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443  
PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22  
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359  
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30  
NUMBER OF SEQ ID NOS: 114  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-116-949-21

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5287 CAGCCTTACTCCAGCA 5304  
DB 20 CAGCCGCACTCCAGCA 3

```
RESULT 1920
US-10-085-906-368
; Sequence 368, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: PaetSeq for Windows Version 4.0
; SEQ ID NO 368
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-368

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5098 TGCCTGTTCATTCGCTT 5115
          |||||
Db      1 TCCCTCTCATTCGCTT 18

RESULT 1921
US-10-209-608-36/c
; Sequence 36, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-36

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6682 TTATTTTATATATAT 6699
          |||||
Db      18 TTTTATATATATAT 1

RESULT 1922
US-10-209-608-42/c
; Sequence 42, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-42

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6682 TTATTTTATATATAT 6699
          |||||
Db      18 TTTTATATATATAT 1

RESULT 1923
US-10-188-404-39
; Sequence 39, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Lefl
; APPLICANT: Coull, James M.
; APPLICANT: Kieflth, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (10)-(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
US-10-188-404-39
```

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Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5709 TTTTCCTCTCTCTCTCTT 5726
          |||||
Db       1 TTTTCCTCTCTCTCTCTT 18
```

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RESULT 1924
US-10-188-404-48
; Sequence 48, Application US/10188404
; Publication No. US20030105285A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Jelf
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Grifflth, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS5042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (3)-(3)
; OTHER INFORMATION: N is Pseudoisocytosine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (6)-(6)
; OTHER INFORMATION: N is Pseudoisocytosine
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (10)-(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol,
; OTHER INFORMATION: Ethylene Glycol Linkage
US-10-188-404-48
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4464 TTTTCTCTCTCTCTCTT 4483
          |||||
```

```
Db       1 TTTTCTCTCTCTCTT 20
```

```
RESULT 1925
US-10-006-883A-40/c
; Sequence 40, Application US/10006883A
; Publication No. US20030119767A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOD1 EXPRESSION
; FILE REFERENCE: RTS-0337
; CURRENT APPLICATION NUMBER: US/10/006,883A
; CURRENT FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-883A-40
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2093 TGCGGCTACGACGACCAC 2110
          |||||
Db       18 TGCGGGGCGACGACGACCAC 1
```

```
RESULT 1926
US-10-007-010-82/c
; Sequence 82, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-82
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      7140 CCAGCCTAATGTGTATGT 7157
          |||||
Db       19 CCAGCCTAATGTATGT 2
```

```
RESULT 1927
US-10-002-623-106
; Sequence 106, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STRAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
```

```
/ PRIOR APPLICATION NUMBER: US 60/245,355
/ PRIOR FILING DATE: 2000-11-01
/ NUMBER OF SEQ ID NOS: 952
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 106
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic oligo
US-10-002-623-106

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2858 CAGAGGAGCAATGAGGA 2875
      ||||| ||||| |||||
Db      1 CAGAGGAGCAATGAGGA 18

RESULT 1928
US-10-002-623-527
/ Sequence 527, Application US/10002623
/ Publication No. US20030134285A1
/ GENERAL INFORMATION:
/ APPLICANT: OEFNER, PETER J.
/ APPLICANT: UNDERHILL, PETER A.
/ TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
/ TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
/ FILE REFERENCE: STAN-212
/ CURRENT APPLICATION NUMBER: US/10/002,623
/ CURRENT FILING DATE: 2001-11-01
/ PRIOR APPLICATION NUMBER: US 60/245,355
/ PRIOR FILING DATE: 2000-11-01
/ NUMBER OF SEQ ID NOS: 952
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 527
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
US-10-002-623-527

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2858 CAGAGGAGCAATGAGGA 2875
      ||||| ||||| |||||
Db      1 CAGAGGAGCAATGAGGA 18

RESULT 1929
US-10-017-621-46
/ Sequence 46, Application US/10017621
/ Publication No. US20030138952A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Mark P. Roach
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
/ FILE REFERENCE: RTS-0350
/ CURRENT APPLICATION NUMBER: US/10/017,621
/ CURRENT FILING DATE: 2001-12-07
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 46
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-46
```

```
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1412 AGGATGACATGACGAGG 1429
      ||||| ||||| |||||
Db      2 AGGCTGACGACGAGG 19

RESULT 1930
US-10-334-703-28
/ Sequence 28, Application US/10334703
/ Publication No. US20030154511A1
/ GENERAL INFORMATION:
/ APPLICANT: Laten, Howard M.
/ TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND
/ METHODS OF USE THEREOF
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Marshall, Gerstein and Borun
/ STREET: 233 South Wacker Drive/6300 Sears Tower
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/334,703
/ FILING DATE: 20-Dec-2002
/ CLASSIFICATION: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wrona, Thomas J.
/ REGISTRATION NUMBER: 44,410
/ REFERENCE/DOCKET NUMBER: 27013/33214C US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 474-6300
/ TELEFAX: (312) 474-0448
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-334-703-28

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      984 CAAGGAGTCAAGGCCT 1001
      ||||| ||||| |||||
Db      3 CAAGGAGTCAATGACCT 20

RESULT 1931
US-10-067-148-9
/ Sequence 9, Application US/10067148
/ Publication No. US2003017088A1
/ GENERAL INFORMATION:
/ APPLICANT: van de Lavoit, Marie-Cecile
/ APPLICANT: Etches, Robert J.
/ APPLICANT: Heyer, Babette
/ APPLICANT: Mather, Christine
/ APPLICANT: Diamond, Jennifer
/ APPLICANT: Beemer, Kathleen
/ APPLICANT: Meyers, Heather
```

```
; TITLE OF INVENTION: CHIMERIC BIRD FROM EMBRYONIC STEM CELLS
; FILE REFERENCE: 271/123 -- XTM
; CURRENT APPLICATION NUMBER: US/10/067,148
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: C-delta forward primer
US-10-067-148-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6223 GCGAAGAGAGACACTGT 6240
Db      3 GCGAGAGAGAGACACTGT 20

RESULT 1932
US-10-216-098-9
; Sequence 9, Application US/10216098
; Publication No. US20030172387A1
; GENERAL INFORMATION:
; APPLICANT: Origin Therapeutics
; APPLICANT: Zhu, Lei
; APPLICANT: Winters-Digiacinto, Peggy
; APPLICANT: Etches, Robert J.
; TITLE OF INVENTION: TISSUE SPECIFIC EXPRESSION OF EXOGENOUS PROTEINS IN TRANSGENIC
; FILE REFERENCE: 700603.2
; CURRENT APPLICATION NUMBER: US/10/216,098
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 10/067,148
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Delta 1 forward primer
US-10-216-098-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6223 GCGAAGAGAGACACTGT 6240
Db      3 GCGAGAGAGAGACACTGT 20

RESULT 1933
US-10-103-076-9/c
; Sequence 9, Application US/10103076
; Publication No. US20030181351A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Emily Hsiao-Yuan
; APPLICANT: Tsai, Kuen-Jer
; TITLE OF INVENTION: SPATIAL LEARNING AND MEMORY
; FILE REFERENCE: 08919-078001
; CURRENT APPLICATION NUMBER: US/10/103,076
; CURRENT FILING DATE: 2002-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-103-076-9

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2014 GCAGGGATGCGAAAAA 2031
Db      20 GCAAGGTTGCAAAAAA 3

RESULT 1934
US-10-331-907-288
; Sequence 288, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hesse, John W
; APPLICANT: Caekey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshiniko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixxon and Vanderhye
; STREET: 1100 No. US20030181660A1ch Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EBO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 288:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 288:
US-10-331-907-288

Query Match          0.2%; Score 14.8; DB 1; Length 20;
```

Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2075 GCCGATCTGCTCTACTG 2092

Db 1 GCCAGACTGTGCTACTG 18

RESULT 1935

US-10-058-597-13/C

; Sequence 13, Application US/10058597

; Publication No. US20030186236A1

; GENERAL INFORMATION:

; APPLICANT: Kapil, Sanjay

; APPLICANT: Shammuhappa, Kumar

; TITLE OF INVENTION: IDENTIFICATION AND APPLICATIONS OF PORCINE REPRODUCTIVE AND RESPI

; TITLE OF INVENTION: SYNDROME VIRUS HOST SUSCEPTIBLE FACTOR(S) FOR IMPROVED SWINE BRE

; TITLE OF INVENTION: DEVELOPMENT OF NON-SIMIAN RECOMBINANT CELL LINE FOR PROPAGATION

; FILE REFERENCE: 30921-CIP1

; CURRENT APPLICATION NUMBER: US/10/058,597

; CURRENT FILING DATE: 2003-01-22

; PRIOR FILING DATE: 09/772,044

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO: 13

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Simian Gen. Sp.

US-10-058-597-13

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 993 CAAGGCGCTGAAGTGGA 1010

Db 19 CAAGAGCTGAGAGCTGA 2

RESULT 1936

US-10-168-989-40

; Sequence 40, Application US/10168989

; Publication No. US20030190631A1

; GENERAL INFORMATION:

; APPLICANT: Charlier-Harlin et al.

; TITLE OF INVENTION: Implication of a known gene named CP2/LSF-LBP-1 in

; FILE REFERENCE: P0766US00/BAS

; CURRENT APPLICATION NUMBER: US/10/168,989

; CURRENT FILING DATE: 2002-06-26

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 40

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-168-989-40

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3140 ACTCTGTAGCCTGCAGA 3157

Db 1 AATCTGTGCGCCTGCAGA 18

RESULT 1937

US-10-080-979-50/C

; Sequence 50, Application US/10080979

; Publication No. US20030191075A1

; GENERAL INFORMATION:

; APPLICANT: Cook, Philip Dan

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Bennett, Frank C.

; TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery

; FILE REFERENCE: 1s1s-5028

; CURRENT APPLICATION NUMBER: US/10/080,979

; CURRENT FILING DATE: 2002-02-22

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO: 50

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide

US-10-080-979-50

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1103 AGAGTGACAGACTGTGG 1120

Db 19 AGAGTGCGCAGACGCTGG 2

RESULT 1938

US-10-430-196-97/C

; Sequence 97, Application US/10430196

; Publication No. US20030194738A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

; APPLICANT: Miraglia, Brenda F. Baker

; TITLE OF INVENTION: Antisense Oligonucleotide

; COMPOSITIONS AND METHODS FOR THE MODULATION OF

; ACTIVATING PROTEIN 1

; NUMBER OF SEQUENCES: 139

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM: 3.5 INCH, 1.44 MB STORAGE

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/430,196

; FILING DATE: 05-May-2003

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/923,517A

; FILING DATE: 07-Aug-2001

; APPLICATION NUMBER: 09/364,416

; FILING DATE: 1999-07-30

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: 15PH-0209

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (609) 810-1515

; TELEFAX: (609) 810-1454

; INFORMATION FOR SEQ ID NO: 97:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

```

US-10-147-196-114
Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6291  ACACCTGGCCCTCAGGAGAT 6308
          |||||
Db       19  ACACTGGCTTCAGAGCAT 2

RESULT 1941
US-10-396-122-28
/ Sequence 28, Application US/10396122
/ Publication No. US20030221222A1
/ GENERAL INFORMATION:
/ APPLICANT: Laton, Howard
/ TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
/ FILE REFERENCE: 27013/39234
/ CURRENT APPLICATION NUMBER: US/10/396,122
/ CURRENT FILING DATE: 2003-03-25
/ PRIOR APPLICATION NUMBER: US 60/367,302
/ PRIOR FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 28
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic primer
US-10-396-122-28

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      984  CAAGAGATCAAGGCGCT 1001
          |||||
Db       3   CAAGAGATCATGAGCCT 20

RESULT 1942
US-10-388-263-650/c
/ Sequence 650, Application US/10388263
/ Publication No. US20030228597A1
/ GENERAL INFORMATION:
/ APPLICANT: Cowser, Lex M.
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: McNeill, John
/ APPLICANT: Freiler, Susan M.
/ APPLICANT: Sasnor, Henri M.
/ APPLICANT: Brooks, Douglas G.
/ APPLICANT: Ohashi, Cara
/ APPLICANT: Wyatt, Jacqueline R.
/ APPLICANT: Borchers, Alexander
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
/ TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
/ TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
/ FILE REFERENCE: ISIS-4503
/ CURRENT APPLICATION NUMBER: US/10/388,263
/ CURRENT FILING DATE: 2003-03-12
/ NUMBER OF SEQ ID NOS: 947
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 650
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-650

```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6291 ACACGTGGCTCCAGGCAT 6308
      |||||
Db      19 ACACGTGGCTCCAGGCAT 2

RESULT 1943
US-10-174-175-26/c
; Sequence 26, Application US/10174175
; Publication No. US20030232440A1
; GENERAL INFORMATION:
; APPLICANT: James Kairas
; APPLICANT: Sue Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF STAT1 EXPRESSION
; FILE REFERENCE: PTS-0032
; CURRENT APPLICATION NUMBER: US/10/174,175
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-175-26

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5166 CTGGACAGTGGGCTCTG 5183
      |||||
Db      18 CTGGATAGTGGGCTCTG 1

RESULT 1944
US-10-174-175-61
; Sequence 61, Application US/10174175
; Publication No. US20030232440A1
; GENERAL INFORMATION:
; APPLICANT: James Kairas
; APPLICANT: Sue Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF STAT1 EXPRESSION
; FILE REFERENCE: PTS-0032
; CURRENT APPLICATION NUMBER: US/10/174,175
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-175-61

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5166 CTGGACAGTGGGCTCTG 5183
      |||||
Db      3 CTGGATAGTGGGCTCTG 20

RESULT 1945
US-10-175-239-29/c
; Sequence 29, Application US/10175239
; Publication No. US20030232774A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION
; FILE REFERENCE: HTS-0017
; CURRENT APPLICATION NUMBER: US/10/175,239
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-239-29

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4369 CAGGCTGGGAATTTTC 4386
      |||||
Db      19 CAGGATGGGAATTTAGC 2

RESULT 1946
US-10-175-239-64
; Sequence 64, Application US/10175239
; Publication No. US20030232774A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROFILIN 1 EXPRESSION
; FILE REFERENCE: HTS-0017
; CURRENT APPLICATION NUMBER: US/10/175,239
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-175-239-64

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      4369 CAGGCTGGGAATTTTC 4386
      |||||
Db      2 CAGGATGGGAATTTAGC 19

RESULT 1947
US-10-175-499-12
; Sequence 12, Application US/10175499
; Publication No. US20030232877A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPLICING FACTOR R/S-RICH 10 EXPRESSION
; FILE REFERENCE: HTS-0018
; CURRENT APPLICATION NUMBER: US/10/175,499
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-499-12
```

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 6739 CCTTCTTAATCTGATC 6756  
Db 3 CCTTCTTAATCTGATC 20

RESULT 1948  
US-10-175-499-30  
; Sequence 30, Application US/10175499  
; Publication No. US20030232977A1  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Kenneth W. Doble  
; APPLICANT: Susan J. Myers  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPLICING FACTOR R/S-RICH 10 EXPRESSION  
; FILE REFERENCE: HTS-0018  
; CURRENT APPLICATION NUMBER: US/10/175,499  
; CURRENT FILING DATE: 2002-06-17  
; NUMBER OF SEQ ID NOS: 62  
; SEQ ID NO 30  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-175-499-30

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 6739 CCTTCTTAATCTGATC 6756  
Db 2 CCTTCTTAATCTGATC 19

RESULT 1949  
US-10-448-914A-146  
; Sequence 146, Application US/10448914A  
; Publication No. US20030235856A1  
; GENERAL INFORMATION:  
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.  
; APPLICANT: PARK, Hee Kyung  
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria  
; FILE REFERENCE: PP05020/BCT  
; CURRENT APPLICATION NUMBER: US/10/448,914A  
; CURRENT FILING DATE: 2003-05-30  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 243  
; SOFTWARE: Kopacentin 1.71  
; SEQ ID NO 146  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium malmosense  
US-10-448-914A-146

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4644 TGTGAATTCCTCTTGG 4661  
Db 3 TGTGAATTCCTCTTGG 20

RESULT 1950  
US-10-186-157-81/C  
; Sequence 81, Application US/10186157  
; Publication No. US20040002151A1  
; GENERAL INFORMATION:  
; APPLICANT: Andrew T. Watt  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION  
; FILE REFERENCE: RTS-0193  
; CURRENT APPLICATION NUMBER: US/10/186,157  
; CURRENT FILING DATE: 2002-06-28  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-186-157-81

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4535 TCTAGCTTGCTCTGTT 4552  
Db 20 TCTAGCTTGCTCTGTT 3

RESULT 1951  
US-10-349-143-7819/C  
; Sequence 7819, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marla  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7819  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-4762 for SEQ 3885,  
US-10-349-143-7819

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2860 GAGAGCAAGAGGAGG 2877  
| | | | |  
DB 20 GAGAGGCAAGAGGAGG 3

RESULT 1952  
US-10-402-089-16/c  
; Sequence 16, Application US/10402089  
; Publication No. US20040005663A1  
; GENERAL INFORMATION:  
; APPLICANT: Bell, Marcum P.  
; APPLICANT: Neff, Thomas B.  
; APPLICANT: Polarek, James W.  
; APPLICANT: Sealey, Todd W.  
; TITLE OF INVENTION: PORCINE COLLAGENS AND GELATINS  
; FILE REFERENCE: PP0402.3 CON  
; CURRENT APPLICATION NUMBER: US/10/402,089  
; PRIOR FILING DATE: 2003-03-26  
; PRIOR APPLICATION NUMBER: US 09/709,700  
; PRIOR FILING DATE: 2000-11-10  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-402-089-16

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 TGCACGAGTGTTCGAG 280  
| | | | |  
DB 20 TGCAGCTGCTTCGAG 3

RESULT 1953  
US-10-452-510-150/c  
; Sequence 150, Application US/10452510  
; Publication No. US20040005666A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
; FILE REFERENCE: 760050-93  
; CURRENT APPLICATION NUMBER: US/10/452,510  
; PRIOR FILING DATE: 2003-06-02  
; PRIOR APPLICATION NUMBER: US 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 150  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-452-510-150

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2810 TGGATGAGAAAGCTTT 2827  
| | | | |  
DB 20 TGGATTGAAGAAAGCCTT 3

RESULT 1954  
US-10-289-762-4204  
; Sequence 4204, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Grifflais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; PRIOR FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 4204  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-4204

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 GAAGAATGCCAGCTACAA 1373  
| | | | |  
DB 2 GAAGATCCAGCTACAA 19

RESULT 1955  
US-10-400-985-9/c  
; Sequence 9, Application US/10400985  
; Publication No. US20040009505A1  
; GENERAL INFORMATION:  
; APPLICANT: Wakeman, Gilie  
; APPLICANT: Larmarline, Jerome  
; TITLE OF INVENTION: USES OF THE GJB6 GENE FOR TREATING CERTAIN TYPES OF ALOPECIA NCLU  
; TITLE OF INVENTION: CLOUSTON'S SYNDROME, AND FOR SCREENING COMPOUNDS CAPABLE OF BEI  
; FILE REFERENCE: 1759.128  
; CURRENT APPLICATION NUMBER: US/10/400,985  
; PRIOR FILING DATE: 2003-03-27  
; PRIOR APPLICATION NUMBER: PCT/FR01/02997  
; PRIOR FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: FR0012473  
; PRIOR FILING DATE: 2000-09-29  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer Cx30-S3  
US-10-400-985-9

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5714 CTCTCTCTCTTGGCTG 5731  
| | | | |  
DB 20 CTCTCTCTCTCGCCTG 3

RESULT 1956  
US-10-447-136-158  
; Sequence 158, Application US/10447136  
; Publication No. US20040009488A1  
; GENERAL INFORMATION:  
; APPLICANT: Wright, Jim A.  
; APPLICANT: Young, Aiping H.

```

1  TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
2  TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
3  FILE REFERENCE: 032396-023
4  CURRENT APPLICATION NUMBER: US/10/447,136
5  CURRENT FILING DATE: 2003-05-29
6  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
7  PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
8  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
9  PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
10 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
11 PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
12 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
13 PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
14 NUMBER OF SEQ ID NOS: 220
15 SOFTWARE: PatentIn Ver. 2.0
16 SEQ ID NO 158
17
18 LENGTH: 20
19
20 TYPE: DNA
21 ORGANISM: Human
22
23 US-10-447-136-158

```

Query Match	0.2%	Score 14.8	DB 1	Length 20
Best Local Similarity	88.9%	Pred. No. 1.3e+03		
Matches 16	Conservative	0	Mismatches 2	Indels 0
Gaps				0
QY	4463	CTTTTCTTTTCTTTTCTTTT	4480	
Db	3	CGTTTTTTTTTCTTTT	20	

RESULT 1957  
US-10-402-072A-16/c  
; Sequence 16, Application US/10402072A  
; Publication No. US20040018592A1  
; General introduction

```

1 TITLE:  INVENTION: BOVINE COLLAGENS AND GELATINS
2
3 FILE REFERENCE:  PP0402.2 CON
4
5 CURRENT APPLICATION NUMBER:  US/10/402.072A
6
7 PRIORITY FILING DATE:  2003-03-26
8
9 PRIOR APPLICATION NUMBER:  US 09/709,700
10
11 PRIOR FILING DATE:  2000-11-10
12
13 NUMBER OF SEQ ID NOS:  72
14
15 SOFTWARE:  Patentin version 3.2
16
17 SEQ ID NO 16
18
19 LENGTH:  20
20
21 TYPE:  DNA
22
23 ORGANISM:  Homo sapiens
24
25 US-10-402-072A-16

```

	Query Match	Similarity	Score	DB 1	length
db	Best Local	Similarity 89.9%	Pred. No. 1.3e+03		20
	Matches 16	Conservative 0	Mismatches 2	Indels 0	Gaps 0
Qy	263	TCGACGAGGTGTTCCAGG	280		
	20	TCGACGTGCTTCCAGG	3		

RESULT 1958  
US-10-211-179-44/c  
; Sequence 44, Application US/10211179  
; Publication No. US20040023906A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXPRESSION  
; FILE REFERENCE: PFS-0011  
; CURRENT APPLICATION NUMBER: US/10/211.179  
; CURRENT FILING DATE: 2002-08-01

```

; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-44

```

Query Match	0.2%	Score 14.8	DB 1	Length 20
Best Local Similarity	88.9%	Pred. No. 1.3e+03		
Matches 16	Conservative 0	Mismatches 2	Indels 0	Gaps 0

```

QY      5102 CTGTCCATTGCCTTCATA 5119
          |||||
Db      18 CTGTCATTGCTTTATA 1

```

RESULT 1959  
US-10-211-179-103  
; Sequence 103, Application US/10211179  
; Publication No. US20040023906A1

```

; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRANSYL PHOSPHATASE ACTIVATOR EXPRES
; FILE REFERENCE: PIS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; CURRENT FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-211-179-103

```

Query Match	0.2%	Score 14.8	DB 1	Length 20
Best Local Similarity	88.9%	Pred. No. 1.3e+03		
Matches 16	Conservative 0	Mismatches 2	Indels 0	Gaps 0

```

QY      5102 CTGTCATTGCCTTCATA 5119
          |||||
Db      3 CTGTCATTGCTTTATA 20

```

RESULT 1960  
US-10-274-085-20/c  
; Sequence 20, Application US/10274085  
; Publication No. US20040077570A1

1 APPLICANT: Susan M. Freier  
2 APPLICANT: Kenneth W. Dobie  
3 APPLICANT: Sanjay Banot  
4 TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION  
5 FILE REFERENCE: ISPH-0714  
6 CURRENT APPLICATION NUMBER: US/10/274,085  
7 CURRENT FILING DATE: 2002-10-17  
8 NUMBER OF SEQ ID NOS: 225

```

; ORGANISM: Artificial Sequence
;
; FEATURE:
;
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-20

```

Query Match	0.2%;	Score 14.8;	DB 1;	Length 20;
Best Local Similarity	88.9%;	Pred. No. 1.3e+03;		
Matches 16;	Conservative	0;	Mismatches 2;	Indels 0;
Gaps	0;			
QY	4963	GGCTACACATGGGCTGC	4980	

Db 18 GGCTACAGCATGCTGGGC 1

RESULT 1961

US-10-274-085-132

/ Sequence 132, Application US/10274085

/ Publication No. US2004007570A1

/ GENERAL INFORMATION:

/ APPLICANT: Susan M. Freier

/ APPLICANT: Kenneth W. Dobie

/ APPLICANT: Sanjay Bhanot

/ TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION

/ FILE REFERENCE: ISPH-0714

/ CURRENT APPLICATION NUMBER: US/10/274,085

/ NUMBER OF SEQ ID NOS: 225

/ SEQ ID NO 132

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: H. sapiens

US-10-274-085-132.

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4963 GGCTACAGCATGCTGGGC 4980

DB 3 GGCTACAGCATGCTGGGC 20

RESULT 1962

US-10-415-228-3/c

/ Sequence 3, Application US/10415228

/ Publication No. US20040076975A1

/ GENERAL INFORMATION:

/ APPLICANT: Bouguere, Pierre

/ TITLE OF INVENTION: METHODS FOR ASSESSING THE RISK OF

/ TITLE OF INVENTION: NON-INSULIN-DEPENDENT DIABETES MELLITUS BASED ON ALLELIC

/ TITLE OF INVENTION: VARIATIONS IN THE 5'-FLANKING REGION OF THE INSULIN GENE AND

/ TITLE OF INVENTION: BODY FAT

/ FILE REFERENCE: BOUG-001

/ CURRENT APPLICATION NUMBER: US/10/415,228

/ NUMBER OF SEQ ID NOS: 12

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 3

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Primer

US-10-415-228-3

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4729 CTTGAGGCCAGCTGGAG 4746

DB 18 CTTGAGGCCAGCTGGTG 1

RESULT 1963

US-10-280-183A-204/c

/ Sequence 204, Application US/10280183A

/ Publication No. US20040081964A1

/ GENERAL INFORMATION:

/ APPLICANT: Pfizer Inc.

/ APPLICANT: Bachmanov, Alexander A

/ APPLICANT: Beauchamp, Gary K.

/ APPLICANT: Chatterjee, Anubindo

/ APPLICANT: De Jong, Pieter J.

/ APPLICANT: Li, Shanru

/ APPLICANT: Li, Xia

/ APPLICANT: Ohmen, Jeffrey D

/ APPLICANT: Reed, Danielle R.

/ APPLICANT: Ross, David

/ APPLICANT: Tordoff, Michael G.

/ TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING

/ TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS

/ FILE REFERENCE: PC18306A

/ CURRENT APPLICATION NUMBER: US/10/280,183A

/ NUMBER OF SEQ ID NOS: 652

/ SOFTWARE: PatentIn Ver. 3.1

/ SEQ ID NO 204

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Mouse

US-10-280-183A-204

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6069 TAAATCTGCTCTTTC 6086

DB 18 TAAATCTGCTCTTTC 1

RESULT 1964

US-10-280-183A-394

/ Sequence 394, Application US/10280183A

/ Publication No. US20040081964A1

/ GENERAL INFORMATION:

/ APPLICANT: Pfizer Inc.

/ APPLICANT: Bachmanov, Alexander A

/ APPLICANT: Beauchamp, Gary K.

/ APPLICANT: Chatterjee, Anubindo

/ APPLICANT: De Jong, Pieter J.

/ APPLICANT: Li, Shanru

/ APPLICANT: Li, Xia

/ APPLICANT: Ohmen, Jeffrey D

/ APPLICANT: Reed, Danielle R.

/ APPLICANT: Ross, David

/ APPLICANT: Tordoff, Michael G.

/ TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING

/ TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS

/ FILE REFERENCE: PC18306A

/ CURRENT APPLICATION NUMBER: US/10/280,183A

/ NUMBER OF SEQ ID NOS: 652

/ SOFTWARE: PatentIn Ver. 3.1

/ SEQ ID NO 394

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Mouse

US-10-280-183A-394

Query Match 0.2%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.3e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 GTGACCTTGAGGTGACA 561

DB 3 GTGACCTTGAGGTGACA 20

```
RESULT 1965
US-10-280-183A-396
; Sequence 396, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 396
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-396

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      544 GTCGACCTTGGAGTGACA 561
          ||||| ||||| |||||
Db      3 GTCGACATTGAGTGACA 20

RESULT 1966
US-10-280-183A-400
; Sequence 400, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 400
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-400

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      544 GTCGACCTTGGAGTGACA 561
          ||||| ||||| |||||
Db      3 GTCGACATTGAGTGACA 20
```

```
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      544 GTCGACCTTGGAGTGACA 561
          ||||| ||||| |||||
Db      3 GTCGACATTGAGTGACA 20

RESULT 1967
US-10-293-864-33/C
; Sequence 33, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; PRIOR FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-864-33

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1619 CAGACGAGTCGCGAAGA 1636
          ||||| ||||| |||||
Db      19 CTGACCTGCTGCGGAAGA 2

RESULT 1968
US-10-293-864-110
; Sequence 110, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; PRIOR FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-864-110

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1619 CAGACGAGTCGCGAAGA 1636
          ||||| ||||| |||||
Db      2 CTGACCTGCTGCGGAAGA 19

RESULT 1969
US-10-293-998-40/C
; Sequence 40, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
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/ CURRENT FILING DATE: 2002-11-11  
/ NUMBER OF SEQ ID NOS: 82  
/ SEQ ID NO 40  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
US-10-293-998-40

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1879 CAGACTCTGTCCACCTC 1896  
DB 18 CTGACTCTGTCCACTTC 1

RESULT 1970  
US-10-293-998-75  
/ Sequence 75, Application US/10293998  
/ Publication No. US20040091871A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ming-Yi Chiang  
/ APPLICANT: Kenneth W. Dobie  
/ TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION  
/ FILE REFERENCE: HTS-0026  
/ CURRENT APPLICATION NUMBER: US/10/293,998  
/ CURRENT FILING DATE: 2002-11-11  
/ NUMBER OF SEQ ID NOS: 82  
/ SEQ ID NO 75  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: H. sapiens  
/ FEATURE:  
US-10-293-998-75

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1879 CAGACTCTGTCCACCTC 1896  
DB 3 CTGACTCTGTCCACTTC 20

RESULT 1971  
US-10-298-954-32/C  
/ Sequence 32, Application US/10298954  
/ Publication No. US20040096833A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ming-Yi Chiang  
/ APPLICANT: Kenneth W. Dobie  
/ TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION  
/ FILE REFERENCE: HTS-0028  
/ CURRENT APPLICATION NUMBER: US/10/298,954  
/ CURRENT FILING DATE: 2002-11-16  
/ NUMBER OF SEQ ID NOS: 73  
/ SEQ ID NO 32  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
US-10-298-954-32

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7420 AGCAGCAGCAGCAGCACA 7437  
DB 18 CTGACTCTGTCCACTTC 1

DB 20 ACCAGCAGCAGCAGCTCA 3

RESULT 1972  
US-10-298-954-63  
/ Sequence 63, Application US/10298954  
/ Publication No. US20040096833A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ming-Yi Chiang  
/ APPLICANT: Kenneth W. Dobie  
/ TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION  
/ FILE REFERENCE: HTS-0028  
/ CURRENT APPLICATION NUMBER: US/10/298,954  
/ CURRENT FILING DATE: 2002-11-16  
/ NUMBER OF SEQ ID NOS: 73  
/ SEQ ID NO 63  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: H. sapiens  
/ FEATURE:  
US-10-298-954-63

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7420 ACCAGCAGCAGCAGCACA 7437  
DB 1 ACCAGCAGCAGCAGCTCA 18

RESULT 1973  
US-10-300-424-55/C  
/ Sequence 55, Application US/10300424  
/ Publication No. US20040096835A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Kenneth W. Dobie  
/ TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION  
/ FILE REFERENCE: HTS-0437  
/ CURRENT APPLICATION NUMBER: US/10/300,424  
/ CURRENT FILING DATE: 2002-11-19  
/ NUMBER OF SEQ ID NOS: 129  
/ SEQ ID NO 55  
/ LENGTH: 20  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
US-10-300-424-55

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1987 CTGGAGCAGCAGTATACA 2004  
DB 20 CTGGAGCAGCAGTATACA 3

RESULT 1974  
US-10-300-611-60  
/ Sequence 60, Application US/10300611  
/ Publication No. US20040097451A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Ming-Yi Chiang  
/ APPLICANT: Kenneth W. Dobie  
/ TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION  
/ FILE REFERENCE: HTS-0059  
/ CURRENT APPLICATION NUMBER: US/10/300,611  
/ CURRENT FILING DATE: 2002-11-19  
/ NUMBER OF SEQ ID NOS: 136  
/ SEQ ID NO 60  
/ LENGTH: 20

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-300-611-60

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3919 CACTTGTGGCTCTTTTC 3936  
Db 1 CACTTGTCTTCATTTTC 18

RESULT 1975  
US-10-671-074-19  
Sequence 19, Application US/10671074  
Publication No. US20040097459A1  
GENERAL INFORMATION:  
APPLICANT: Dobie, Kenneth W.  
APPLICANT: Bhanot, Sanjay  
APPLICANT: Veniant-Elison, Murielle  
APPLICANT: Lindberg, Richard A.  
APPLICANT: Shutter, John R.  
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION  
FILE REFERENCE: AMGN0001-101  
CURRENT APPLICATION NUMBER: US/10/671,074  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: US 10/260,203  
PRIOR FILING DATE: 2002-09-26  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 19  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-671-074-19

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 GCCCTGGTCAGCGGCCAG 660  
Db 3 GGCTGGGCGCGGCCAG 20

RESULT 1976  
US-10-671-074-99/c  
Sequence 99, Application US/10671074  
Publication No. US20040097459A1  
GENERAL INFORMATION:  
APPLICANT: Dobie, Kenneth W.  
APPLICANT: Bhanot, Sanjay  
APPLICANT: Veniant-Elison, Murielle  
APPLICANT: Lindberg, Richard A.  
APPLICANT: Shutter, John R.  
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION  
FILE REFERENCE: AMGN0001-101  
CURRENT APPLICATION NUMBER: US/10/671,074  
CURRENT FILING DATE: 2003-09-25  
PRIOR APPLICATION NUMBER: US 10/260,203  
PRIOR FILING DATE: 2002-09-26  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 99  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-671-074-99

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 GCCCTGGTCAGCGGCCAG 660  
Db 18 GGCTGGGCGCGGCCAG 1

RESULT 1977  
US-10-303-325-36/c  
Sequence 36, Application US/10303325  
Publication No. US20040102395A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
FILE REFERENCE: RTS-0434  
CURRENT APPLICATION NUMBER: US/10/303,325  
CURRENT FILING DATE: 2002-11-22  
NUMBER OF SEQ ID NOS: 156  
SEQ ID NO 36  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-325-36

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5168 GGCACAGTGGGCTCTGCA 5185  
Db 20 GGCACACTGGGCTCTGCA 3

RESULT 1978  
US-10-303-325-112  
Sequence 112, Application US/10303325  
Publication No. US20040102395A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION  
FILE REFERENCE: RTS-0434  
CURRENT APPLICATION NUMBER: US/10/303,325  
CURRENT FILING DATE: 2002-11-22  
NUMBER OF SEQ ID NOS: 156  
SEQ ID NO 112  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
US-10-303-325-112

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5168 GGCACAGTGGGCTCTGCA 5185  
Db 1 GGCACACTGGGCTCTGCA 18

RESULT 1979  
US-10-303-329-21  
Sequence 21, Application US/10303329  
Publication No. US20040101850A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Nicholas M. Dean

```

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION
; FILE REFERENCE: HTS-0005
; CURRENT APPLICATION NUMBER: US/10/303,329
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-329-21

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6888 GTTGGTGTCTCTCCCTTAC 6905
Db      1 GTTGGTGTCTCTCCCGCAC 18

RESULT 1980
US-10-303-329-22
; Sequence 22, Application US/10/303,329
; Publication No. US20040101850A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION
; FILE REFERENCE: HTS-0005
; CURRENT APPLICATION NUMBER: US/10/303,329
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-329-22

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      6888 GTTGGTGTCTCTCCCTTAC 6905
Db      3 GTTGGTGTCTCTCCCGCAC 20

RESULT 1981
US-10-688-706-369/c
; Sequence 369, Application US/10/688,706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 369
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:

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; OTHER INFORMATION: human GFAT antisense
US-10-688-706-369

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      19 GGCMAAGACAGAAAGA 2

RESULT 1982
US-10-688-706-370/c
; Sequence 370, Application US/10/688,706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-370

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      20 GGCMAAGACAGAAAGA 3

RESULT 1983
US-10-688-706-600/c
; Sequence 600, Application US/10/688,706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broeschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 600
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-600

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5442 GGCATGACAGAAATGA 5459
Db      19 GGCMAAGACAGAAAGA 2

```

Db 18 GGCAGAGCAAGAAAGCA 1

RESULT 1984  
US-10-688-706-997/c  
; Sequence 997, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; PRIOR FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 997  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-997

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTGCA 1126

Db 19 GACAGATTGTGAGTTCA 2

RESULT 1985  
US-10-688-706-1539/c  
; Sequence 1539, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Broschac, Kay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; PRIOR FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1539  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-1539

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 GACAGACTGTGAGTGCA 1126

Db 18 GACAGATTGTGAGTTCA 1

RESULT 1986  
US-10-688-706-1906  
; Sequence 1906, Application US/10688706  
; Publication No. US20040102412A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.

; APPLICANT: Broschac, Kay  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION  
; FILE REFERENCE: 01393/1  
; CURRENT APPLICATION NUMBER: US/10/688,706  
; PRIOR FILING DATE: 2003-10-17  
; PRIOR APPLICATION NUMBER: 60/419,268  
; PRIOR FILING DATE: 2002-10-17  
; NUMBER OF SEQ ID NOS: 3071  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1906  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: human GFAT antisense  
US-10-688-706-1906

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6971 TGAGCTTAAACCAACCA 6988

Db 3 TGATTAAAAACCAACCA 20

RESULT 1987  
US-10-376-770-241  
; Sequence 241, Application US/10376770  
; Publication No. US20040106102A1  
; GENERAL INFORMATION:  
; APPLICANT: Dhaliyan, Ravinder S.  
; TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME  
; FILE REFERENCE: 543312000320  
; CURRENT APPLICATION NUMBER: US/10/376,770  
; PRIOR FILING DATE: 2003-02-28  
; PRIOR APPLICATION NUMBER: US 10/093,618  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/360,232  
; PRIOR FILING DATE: 2002-03-01  
; PRIOR APPLICATION NUMBER: US 60/378,354  
; PRIOR FILING DATE: 2002-05-08  
; NUMBER OF SEQ ID NOS: 262  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 241  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (6)..(110)  
; OTHER INFORMATION: These nucleotides may be absent  
US-10-376-770-241

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5415 AAATAAAACCAAGAGA 5432

Db 3 AAATGAAAACCAAGAGA 20

RESULT 1988  
US-10-316-516-80  
; Sequence 80, Application US/10316516  
; Publication No. US20040110150A1  
; GENERAL INFORMATION:  
; APPLICANT: Erich Koller  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION  
; FILE REFERENCE: PTS-0057  
; CURRENT APPLICATION NUMBER: US/10/316,516

;; CURRENT FILING DATE: 2002-12-10  
;; NUMBER OF SEQ ID NOS: 134  
;; SEQ ID NO 80  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-316-516-80

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3593 GCAACCTTTGTACCTT 3610  
DB 2 GCAACCTTTATATACATT 19

RESULT 1989  
US-10-316-516-130/c  
;; Sequence 130, Application US/10316516  
;; Publication No. US20040110150A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Erich Koller  
;; APPLICANT: Kenneth W. Dobie  
;; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION  
;; FILE REFERENCE: PTS-0057  
;; CURRENT APPLICATION NUMBER: US/10/316,516  
;; CURRENT FILING DATE: 2002-12-10  
;; NUMBER OF SEQ ID NOS: 134  
;; SEQ ID NO 130  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: H. sapiens  
;; FEATURE:  
US-10-316-516-130

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3593 GCAACCTTTGTACCTT 3610  
DB 19 GCAACCTTTATATACATT 2

RESULT 1990  
US-10-317-803-101/c  
;; Sequence 101, Application US/10317803  
;; Publication No. US20040115640A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Kathleen Myers  
;; APPLICANT: Kenneth W. Dobie  
;; TITLE OF INVENTION: MODULATION OF ANGIOPROTEIN-2 EXPRESSION  
;; FILE REFERENCE: RTS-0454  
;; CURRENT APPLICATION NUMBER: US/10/317,803  
;; CURRENT FILING DATE: 2002-12-11  
;; NUMBER OF SEQ ID NOS: 244  
;; SEQ ID NO 101  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-317-803-101

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 GGCCGCTCCTTCTCTCA 756  
DB 11111111111111111111

DB 20 GGCTGCTCCTTCTCTCA 3

RESULT 1991  
US-10-679-532-28/c  
;; Sequence 28, Application US/10679532  
;; Publication No. US20040121376A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Dean, Nicholas M.  
;; APPLICANT: Kairas, James G  
;; APPLICANT: McKay, Robert  
;; APPLICANT: Manoharan, Muthiah  
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL  
;; TITLE OF INVENTION: TRANSDUCTION  
;; FILE REFERENCE: ISFH-0537  
;; CURRENT APPLICATION NUMBER: US/10/679,532  
;; CURRENT FILING DATE: 2003-10-06  
;; PRIOR APPLICATION NUMBER: US/09/800,629A  
;; PRIOR FILING DATE: 2001-03-07  
;; PRIOR APPLICATION NUMBER: PCT/US00/07318  
;; PRIOR FILING DATE: 2000-03-17  
;; PRIOR APPLICATION NUMBER: 09/280,799  
;; PRIOR FILING DATE: 1999-03-26  
;; NUMBER OF SEQ ID NOS: 210  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 28  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-679-532-28

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5272 ATAGGAGCAGGTGCGAG 5289  
DB 20 AGACGAGCAGGTGCGAG 3

RESULT 1992  
US-10-671-395-17  
;; Sequence 17, Application US/10671395  
;; Publication No. US20040132063A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Glaxo, James K  
;; APPLICANT: Pharmacia Corp.  
;; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE  
;; TITLE OF INVENTION: EXPRESSION  
;; FILE REFERENCE: 1179/1/US  
;; CURRENT APPLICATION NUMBER: US/10/671,395  
;; CURRENT FILING DATE: 2003-09-25  
;; PRIOR APPLICATION NUMBER: 60/413,549  
;; PRIOR FILING DATE: 2002-09-25  
;; NUMBER OF SEQ ID NOS: 1809  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO 17  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: artificial  
;; FEATURE:  
;; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-17

Query Match 0.2%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.3e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3778 GACATTGCACCTTCAAA 3795  
DB 2 GACATTGCACCTTCAAA 19

```
RESULT 1993
US-10-671-395-25
; Sequence 25, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-25

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3778 GACATTGCACCTTCAAA 3795
Db      3 GACATTGCACCTTCCAA 20
|||||
|||||

RESULT 1994
US-10-671-395-100
; Sequence 100, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-100

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3778 GACATTGCACCTTCAAA 3795
Db      1 GACATTGCACCTTCCAA 18
|||||
|||||

RESULT 1995
US-10-728-399-4/C
; Sequence 4, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colica, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF mtONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mtONEET antisense
US-10-728-399-4

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6192 GAAGAGATGAGAGAAAT 6209
Db      18 GAAGAGACTGAGAGCAAT 1
|||||
|||||

RESULT 1996
US-10-728-399-10/C
; Sequence 10, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colica, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF mtONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mtONEET antisense
US-10-728-399-10

Query Match          0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6192 GAAGAGATGAGAGAAAT 6209
Db      19 GAAGAGACTGAGAGCAAT 2
|||||
|||||

RESULT 1997
US-10-661-165-241
; Sequence 241, Application US/10661165
; Publication No. US20040137470A1
; GENERAL INFORMATION:
; APPLICANT: Dhallan, Ravinder S.
; TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
; FILE REFERENCE: 543312000420
; CURRENT APPLICATION NUMBER: US/10/661,165
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/US03/06198
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/378,354
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: US 10/093,618
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/360,232
```

```
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: PCT/US03/27308
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 10/376,770
; PRIOR FILING DATE: 2003-02-28
; NUMBER OF SEQ ID NOS: 628
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (6)..(10)
; OTHER INFORMATION: These nucleotides may be absent
US-10-661-165-241

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5415 AATATAAGCAAGAGAA 5432
DB      3 AATGAAACCAAGAGAA 20

RESULT 1998
US-10-684-440-17/c
; Sequence 17, Application US/10684440
; Publication No. US20040138164A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF APOLIPOPROTEIN(A) EXPRESSION
; FILE REFERENCE: ISPH.059505.PI
; CURRENT APPLICATION NUMBER: US/10/684,440
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 09/923,515
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/475,402
; PRIOR FILING DATE: 2003-06-02
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-684-440-17

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1752 GCAGCTCATTTATGTCAT 1769
DB      18 GCAGCTCCTTATGTTAT 1

RESULT 1999
US-10-684-440-50
; Sequence 50, Application US/10684440
; Publication No. US20040138164A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF APOLIPOPROTEIN(A) EXPRESSION
; FILE REFERENCE: ISPH.059505.PI
; CURRENT APPLICATION NUMBER: US/10/684,440
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: 09/923,515
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: 60/475,402
```

```
; PRIOR FILING DATE: 2003-06-02
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO: 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-684-440-50

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1752 GCAGCTCATTTATGTCAT 1769
DB      3 GCAGCTCCTTATGTTAT 20

RESULT 2000
US-10-780-439-50/c
; Sequence 50, Application US/10780439
; Publication No. US20040142899A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
; OLIGONUCLEOTIDES IN MAMMALS
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cozen O'Connor
; STREET: 1900 Market Street
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/780,439
; FILING DATE: 17-Feb-2004
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Nguyen, Quan L.
; REGISTRATION NUMBER: 46,957
; REFERENCE/DOCKET NUMBER: 46,957
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-665-2000
; TELEFAX: 215-665-2013
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-10-780-439-50

Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1103 AGATGGACACAGCTGTGG 1120
DB      19 AGATGGGCGACAGCGTGG 2

RESULT 2001
```

```
US-10-744-465-150/c
; Sequence 150, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-150
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2810 TGGATGAGAAAGCTTT 2827
Db      20 TGGATTGAGAAAGCTTT 3
```

```
RESULT 2002
US-10-375-715A-3
; Sequence 3, Application US/10375715A
; Publication No. US20040170605A1
; GENERAL INFORMATION:
; APPLICANT: SANCHEZ GARCIA, Isidro
; APPLICANT: PEREZ LOSADA, Jesus
; TITLE OF INVENTION: USE OF THE SLUG GENE AS A GENETIC MARKER IN FUNCTIONS MEDIATED BY
; FILE REFERENCE: SANCHEZ GARCIA ET AL - 1
; CURRENT APPLICATION NUMBER: US/10/375,715A
; CURRENT FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Direct Oligonucleotide Initiator
US-10-375-715A-3
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CAGCTGCGCGCGCTCG 23
Db      1 CAGCTGCGCGCGCTCTCG 18
```

RESULT 2003  
US-10-619-739-1619/c

```
; Sequence 1619, Application US/10619739
; Publication No. US2004015719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1619
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1619
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      546 CGACTTGAGTGACAT 563
Db      18 CGGCTGAGTGACAT 1
```

```
RESULT 2004
US-10-833-679-150/c
; Sequence 150, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-150
```

```
Query Match      0.2%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2810 TGGATGAGAAAGCTTT 2827
Db      20 TGGATTGAGAAAGCTTT 3
```

RESULT 2005

```
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. US20020099196A1
; GENERAL INFORMATION:
; APPLICANT: Hirooka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4400
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-065-040-6

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2274 TGCGTCGATCAAACTGGA 2291
DB      21 TGCGTCGATTAAGCTGGA 4

RESULT 2006
US-09-776-874A-17
; Sequence 17, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vladavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A
```

```
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patent version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-776-874A-17

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGCAG 7430
DB      4 CAGCAGCAGCAGCAGCAG 21

RESULT 2007
US-09-898-779-9
; Sequence 9, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huyling Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; TITLE OF INVENTION: No. US20020106657A1-responsiveness to Statin Drug Treatment
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-9

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4280 GCACCTTCTTGCAGT 4297
DB      4 GCACGTTCTTGTAAGT 21

RESULT 2008
US-09-851-501-44
; Sequence 44, Application US/09851501
; Patent No. US20020119442A1
; GENERAL INFORMATION:
; APPLICANT: DUNLOP, Charles, L.M.
; APPLICANT: WEISEL, James, M.
; TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS
; FILE REFERENCE: CARDON.001C91
; CURRENT APPLICATION NUMBER: US/09/851,501
; CURRENT FILING DATE: 2001-05-08
; PRIOR APPLICATION NUMBER: PCT/US00/30493
; PRIOR FILING DATE: 2000-11-03
; PRIOR APPLICATION NUMBER: 60/165,301
```

;; PRIOR FILING DATE: 1999-11-12  
;; NUMBER OF SEQ ID NOS: 44  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 44  
;; LENGTH: 21  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Diagnostic Oligonucleotide  
US-09-851-501-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTCGATCAGTGGCTAGC 614  
Db 4 CTCGATCAGTGGCTAGC 21

RESULT 2009  
US-09-986-632-24  
; Sequence 24, Application US/09986632  
; Patent No. US20020119944A1  
; GENERAL INFORMATION:  
; APPLICANT: AGUERRA, Michelle  
; TITLE OF INVENTION: Modulation of Ulip/CRMP activity for the prevention or  
; FILE REFERENCE: P06974US01/BAS  
; CURRENT APPLICATION NUMBER: US/09/986,632  
; PRIOR FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: US 60/246,751  
; PRIOR FILING DATE: 2000-11-09  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 24  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-986-632-24

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 692 TGGATGTGGCCATGAGGC 709  
Db 4 TGGATGTGGCCATGAGGC 21

RESULT 2010  
US-09-780-929-103/c  
; Sequence 103, Application US/09780929  
; Patent No. US20020151693A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc  
; APPLICANT: Breaker, Ronald  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBHB00-884-H (500/001)  
; CURRENT APPLICATION NUMBER: US/09/780,929  
; PRIOR FILING DATE: 2001-02-08  
; PRIOR APPLICATION NUMBER: US 60/181,360  
; PRIOR FILING DATE: 2000-02-08  
; NUMBER OF SEQ ID NOS: 126  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 103  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Substrate  
US-09-780-929-103

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4911 TGGAGAAAGCATCAGGAC 4928  
Db 18 TGGAGTAAACCATCAGGAC 1

RESULT 2011  
US-09-988-113-17  
; Sequence 17, Application US/09988113  
; Patent No. US20020168749A1  
; GENERAL INFORMATION:  
; APPLICANT: Pecker, Iris  
; APPLICANT: Violdavsky, Israel  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
; FILE REFERENCE: 01/22781  
; CURRENT APPLICATION NUMBER: US/09/988,113  
; PRIOR FILING DATE: 2001-11-19  
; PRIOR APPLICATION NUMBER: US 09/776,874  
; PRIOR FILING DATE: 2001-02-06  
; PRIOR APPLICATION NUMBER: US09/258,892  
; PRIOR FILING DATE: 1999-03-01  
; PRIOR APPLICATION NUMBER: PCT/US98/17954  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: US 09/109,386  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: US 08/922,170  
; PRIOR FILING DATE: 1997-09-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 17  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-09-988-113-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430  
Db 4 CAGCAGCAGCAGCAGCAG 21

RESULT 2012  
US-09-853-450-60  
; Sequence 60, Application US/09853450  
; Publication No. US20020194645A1  
; GENERAL INFORMATION:  
; APPLICANT: Yanofsky, Martin F.  
; APPLICANT: Pelaz, Soraya  
; TITLE OF INVENTION: The Regents of the University of California  
; FILE REFERENCE: 19452A-002400US  
; CURRENT APPLICATION NUMBER: US/09/853,450  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 61  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 60  
; LENGTH: 21  
; TYPE: DNA

```

RESULT 2016
US-09-989-534-25/c
? Sequence 25, Application US/09989534
? Publication No. US20030165847A1
? GENERAL INFORMATION:
? APPLICANT: Lowy, Charles V.
? TITLE OF INVENTION: Plasmids and Methods for Monitoring Endonuclease Digestion
? TITLE OF INVENTION: Efficiency
? FILE REFERENCE: 0410.008
? CURRENT APPLICATION NUMBER: US/09/989,534
? CURRENT FILING DATE: 2001-11-20
? NUMBER OF SEQ ID NOS: 40
? SOFTWARE: PatentIn version 3.0
? SEQ ID NO 25
? LENGTH: 21
? TYPE: DNA

```

```

RESULT 2019
US-10-042-865-244
; Sequence 244, Application US/10042865
; Publication No. US20040029216A1
; GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
APPLICANT: Li, Li
APPLICANT: Zehnusen, Bryan D
APPLICANT: Casman, Stacie J
APPLICANT: Shenoy, Suresh G
APPLICANT: Spytek, Kimberly
APPLICANT: Zhong, Wei
APPLICANT: Ganggoli, Baha A
APPLICANT: Burgess, Catherine E
APPLICANT: Patcurajan, Meera
APPLICANT: Vernel, Corine A.M
APPLICANT: Taylor, Sarah
APPLICANT: Tchernev, Velizar T
APPLICANT: Miller, Charles E
APPLICANT: Guo, Xiaojia
APPLICANT: Boldog, Ference L
APPLICANT: Grose, William M
APPLICANT: Alsbrook II, John P
APPLICANT: Gerlach, Valerie L
APPLICANT: Edinger, Shlomit R
APPLICANT: Rothenberg, Mark E
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John
APPLICANT: Malyankar, Urfel M
APPLICANT: Miller, Isabelle
APPLICANT: Peyman, John
APPLICANT: Smithson, Glenda
APPLICANT: Gunther, Erik
APPLICANT: Stone, David
TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
TITLE OF INVENTION: Using the Same
FILE REFERENCE: 21402-537
CURRENT APPLICATION NUMBER: US/10/042,865
CURRENT FILING DATE: 2002-05-17
PRIOR APPLICATION NUMBER: 60/260,417
PRIOR FILING DATE: 2001-01-09
PRIOR APPLICATION NUMBER: 60/260,831
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: 60/272,338
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/274,876
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/284,704
PRIOR FILING DATE: 2001-04-18
NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 244
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-042-865-244

```

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3683 GCCAGAAAGCCAGCTATT 3700  
|||  
Db 1 GCCAGAAAGCAACTATT 18

## RESULT 2020

US-10-633-894-12/C  
; Sequence 12, Application US/10633894  
; Publication No. US20040029232A1  
; GENERAL INFORMATION:  
; APPLICANT: Powers, Scott  
; APPLICANT: Yang, Jianxin  
; APPLICANT: Cutler, Gene  
; APPLICANT: Tularik Inc.  
; TITLE OF INVENTION: No. US20040029232A1el G-Protein Coupled Receptors  
; FILE REFERENCE: 018781-004720US  
; CURRENT APPLICATION NUMBER: US/10/633,894  
; PRIOR FILING DATE: 2003-08-04  
; PRIOR APPLICATION NUMBER: US/09/546,986A  
; PRIOR FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 09/524,730  
; PRIOR FILING DATE: 2000-03-14  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:PCR  
US-10-633-894-12

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3694 CTGAGTACTTCTTAG 3911  
|||  
Db 18 CTGAGTACTTCTTAG 1

## RESULT 2021

US-10-380-930-55  
; Sequence 55, Application US/10380930  
; Publication No. US20040038253A1  
; GENERAL INFORMATION:  
; APPLICANT: KENTARO NAGAMINE  
; TITLE OF INVENTION: METHOD FOR SYNTHESIZING POLYNUCLEOTIDES  
; FILE REFERENCE: 201487/1130  
; CURRENT APPLICATION NUMBER: US/10/380,930  
; PRIOR FILING DATE: 2003-03-18  
; PRIOR APPLICATION NUMBER: PCT/JP01/08142  
; PRIOR FILING DATE: 2001-09-19  
; PRIOR APPLICATION NUMBER: JP 2000-283862  
; PRIOR FILING DATE: 2000-09-19  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 55  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:an artificially  
US-10-380-930-55

Query Match 0.2%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4368 ACAGCGTGGGCAATTTTG 4385  
|||  
Db 2 ACAGCGTGGGCAATTTTG 19

## RESULT 2022

US-10-342-902-10  
; Sequence 10, Application US/10342902  
; Publication No. US20040054156A1  
; GENERAL INFORMATION:  
; APPLICANT: Sigma Therapeutics, Inc.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: Blatt, Larry  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Morrissey, Dave  
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication  
; FILE REFERENCE: 400/075 (NHB800-845-1)  
; CURRENT APPLICATION NUMBER: US/10/342,902  
; PRIOR FILING DATE: 2003-01-15  
; PRIOR APPLICATION NUMBER: US 09/877,478  
; PRIOR FILING DATE: 2001-06-08  
; PRIOR APPLICATION NUMBER: US 09/531,025  
; PRIOR FILING DATE: 2000-03-20  
; PRIOR APPLICATION NUMBER: US 09/636,385  
; PRIOR FILING DATE: 2000-08-09  
; PRIOR APPLICATION NUMBER: US 09/696,347  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 08/193,627  
; PRIOR FILING DATE: 1994-02-07  
; PRIOR APPLICATION NUMBER: US 07/882,712  
; PRIOR FILING DATE: 1992-05-14  
; PRIOR APPLICATION NUMBER: US 09/436,430  
; PRIOR FILING DATE: 1999-11-08  
; NUMBER OF SEQ ID NOS: 6592  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 10  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: Hepatitis B virus  
US-10-342-902-10

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 33.3%; Pred. No. 1.4e+03;  
Matches 6; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 2904 TGCCTGTTCCTCTTAT 2921  
|||  
Db 2 UGACUUCUCCUCCUUAU 19

## RESULT 2023

US-10-092-771-38  
; Sequence 38, Application US/10092771  
; Publication No. US20030064381A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,  
EXRESSED HIGHLY IN TESTIS AND GASTROINTESTINAL TISSU  
; FILE REFERENCE: D0128NP  
; CURRENT APPLICATION NUMBER: US/10/092,771  
; PRIOR FILING DATE: 2002-03-07  
; PRIOR APPLICATION NUMBER: US 60/273,963  
; PRIOR FILING DATE: 2001-03-07  
; PRIOR APPLICATION NUMBER: US 60/278,927  
; PRIOR FILING DATE: 2001-03-27  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 38  
; LENGTH: 21  
; TYPE: DNA

ORGANISM: Homo sapiens  
US-10-092-771-38

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 954 CCTCAGCAGCTCTCAGCG 971  
DB 1 CCCACGCGACTCCACGCG 18

## RESULT 2024

US-10-142-722-44  
; Sequence 44, Application US/10142722  
; Publication No. US2003003996A1  
; GENERAL INFORMATION:  
; APPLICANT: DUNLOP, Charles, L.M.  
; APPLICANT: WEISEL, James, M.  
; TITLE OF INVENTION: APPROACHES TO IDENTIFY GENETIC TRAITS  
; FILE REFERENCE: CHARDUN.001C1  
; CURRENT APPLICATION NUMBER: US/10/142,722  
; CURRENT FILING DATE: 2002-09-04  
; PRIOR APPLICATION NUMBER: PCT/US00/30493  
; PRIOR FILING DATE: 2000-11-03  
; PRIOR APPLICATION NUMBER: 60/165,301  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 44  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Diagnostic Oligonucleotide  
US-10-142-722-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 597 CTCATCAAGTGGCTAGC 614  
DB 4 CTCATCAAGTGGCTAGC 21

## RESULT 2025

US-10-243-035-6  
; Sequence 6, Application US/10243035  
; Publication No. US20030049697A1  
; GENERAL INFORMATION:  
; APPLICANT: LAZDUNSKI, MICHEL  
; APPLICANT: LESAGE, FLORIAN  
; APPLICANT: MAINGRET, FRANCOIS  
; TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS  
; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE  
; FILE REFERENCE: 1317-02  
; CURRENT APPLICATION NUMBER: US/10/243,035  
; CURRENT FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-243-035-6

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 112 GCCCGGCCGCGGATCCCG 129  
DB 4 GCCCGGCCGCGGATCCTG 21

RESULT 2026  
US-10-243-035-9  
; Sequence 9, Application US/10243035  
; Publication No. US20030049697A1  
; GENERAL INFORMATION:  
; APPLICANT: LAZDUNSKI, MICHEL  
; APPLICANT: LESAGE, FLORIAN  
; APPLICANT: MAINGRET, FRANCOIS  
; TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS  
; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE  
; FILE REFERENCE: 1317-02  
; CURRENT APPLICATION NUMBER: US/10/243,035  
; CURRENT FILING DATE: 2002-09-13  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-243-035-9

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 112 GCCCGGCCGCGGATCCCG 129  
DB 4 GCCCGGCCGCGGATCCTG 21

RESULT 2027  
US-10-306-292-21/C  
; Sequence 21, Application US/10306292  
; Publication No. US20030145347A1  
; GENERAL INFORMATION:  
; APPLICANT: Lanahan, Michael B.  
; APPLICANT: Desai, Nalini M.  
; APPLICANT: Gadsaeka, Pamela Y.  
; TITLE OF INVENTION: GRAIN PROCESSING METHOD AND TRANSGENIC PLANTS USEFUL  
; TITLE OF INVENTION: THEREIN  
; FILE REFERENCE: A-31383P1  
; CURRENT APPLICATION NUMBER: US/10/306,292  
; CURRENT FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: US/09/598,747  
; PRIOR FILING DATE: 2000-06-21  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide (primer STRF2B)  
US-10-306-292-21

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 351 CATCCCTAAGATGACGCT 368  
DB 19 CAACCGAAGATGACGCT 2

## RESULT 2028

```
US-10-184-085A-638
; Sequence 638, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 638
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-638

Query Match:          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3874 ACCTCCGCGCCGCGCCAG 3891
DB 4 ATCTCCGCGCCGCGCCAG 21

RESULT 2029
US-10-341-582-17
; Sequence 17, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodavsky
; APPLICANT: Oron Yacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-17

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
DB 4 CAGGAGCAGCAGCAGCAGCAG 21

RESULT 2030
US-10-384-451-17
; Sequence 17, Application US/10384451
; Publication No. US20030170860A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
```

```
; FILE REFERENCE: 25718
; CURRENT APPLICATION NUMBER: US/10/384,451
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-17

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGCAGCAGCAGCAGCAG 7430
DB 4 CAGGAGCAGCAGCAGCAGCAG 21

RESULT 2031
US-10-093-311-15
; Sequence 15, Application US/10093311
; Publication No. US20030186439A1
; GENERAL INFORMATION:
; APPLICANT: Nakauchi, Hiromitsu
; APPLICANT: Suzuki, Atsushi
; APPLICANT: Taniguchi, Hideki
; APPLICANT: Fukao, Katashi
; TITLE OF INVENTION: Self-Renewing Pluripotent Hepatic Stem
; TITLE OF INVENTION: Cells
; FILE REFERENCE: 59150-8016
; CURRENT APPLICATION NUMBER: US/10/093,311
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: marker
US-10-093-311-15

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1604 TGCTCAGAACTTCACAG 1621
DB 1 TCCGCAAGAACTTCACAG 18

RESULT 2032
US-10-384-450-17
; Sequence 17, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
```

ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
US-10-384-450-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430  
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2033  
US-10-371-218A-17  
Sequence 17, Application US/10371218A  
Publication No. US2003021375A1  
GENERAL INFORMATION:  
APPLICANT: Zcharia, Eyal  
APPLICANT: Vlodevsky, Israel  
APPLICANT: Metzger, Shula  
APPLICANT: Pecker, Itis  
APPLICANT: Ilan, Neta  
APPLICANT: Chajek-Shaul, Tova  
TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF  
FILE REFERENCE: 25783  
CURRENT APPLICATION NUMBER: US/10/371,218A  
CURRENT FILING DATE: 2003-07-01  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 17  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Single strand DNA oligonucleotide  
US-10-371-218A-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430  
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2034  
US-10-300-683-44  
Sequence 44, Application US/10300683  
Publication No. US20030235834A1  
GENERAL INFORMATION:  
APPLICANT: Dunlop, James L.M.  
APPLICANT: Weisell, James M.  
TITLE OF INVENTION: APPROACHES TO IDENTIFY CYSTIC FIBROSIS  
FILE REFERENCE: CHARDUN.010A  
CURRENT APPLICATION NUMBER: US/10/300,683  
CURRENT FILING DATE: 2002-11-19  
PRIOR APPLICATION NUMBER: 60/333,531  
PRIOR FILING DATE: 2001-11-19  
NUMBER OF SEQ ID NOS: 554  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 44  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Diagnostic Oligonucleotide  
US-10-300-683-44

Query Match 0.2%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTCATCAAGTGGCTAGC 614  
DB 4 CTCATCAAGTGGCTAGC 21

RESULT 2035  
US-10-456-573-17  
Sequence 17, Application US/10456573  
Publication No. US20030236215A1  
GENERAL INFORMATION:  
APPLICANT: Pecker, Itis  
APPLICANT: Vlodevsky, Israel  
APPLICANT: Feinstein, Elena  
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY  
TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS  
FILE REFERENCE: 25677  
CURRENT APPLICATION NUMBER: US/10/456,573  
CURRENT FILING DATE: 2003-06-09  
PRIOR APPLICATION NUMBER: US 09/435,739  
PRIOR FILING DATE: 1999-11-08  
PRIOR APPLICATION NUMBER: US 09/258,892  
PRIOR FILING DATE: 1999-03-01  
PRIOR APPLICATION NUMBER: PCT/US98/17954  
PRIOR FILING DATE: 1998-08-03  
PRIOR APPLICATION NUMBER: US 08/922,170  
PRIOR FILING DATE: 1997-09-02  
NUMBER OF SEQ ID NOS: 54  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 17  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Single strand DNA oligonucleotide  
US-10-456-573-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7413 CAGGAGCAGCAGCAGCAG 7430  
DB 4 CAGGAGCAGCAGCAGCAG 21

RESULT 2036  
US-10-374-686-4/c  
Sequence 4, Application US/10374686  
Publication No. US20040002089A1  
GENERAL INFORMATION:  
APPLICANT: Duvertret, Benoit  
APPLICANT: Calame, Michel  
APPLICANT: Libchaber, Albert  
TITLE OF INVENTION: Methods Employing Fluorescent Quenching  
TITLE OF INVENTION: by Metal Surfaces  
FILE REFERENCE: 600-1-260PCTUS  
CURRENT APPLICATION NUMBER: US/10/374,686  
CURRENT FILING DATE: 2003-02-26  
PRIOR APPLICATION NUMBER: PCT/US01/41941  
PRIOR FILING DATE: 2001-08-29  
PRIOR APPLICATION NUMBER: 60/228728  
PRIOR FILING DATE: 2000-08-29  
PRIOR APPLICATION NUMBER: 60/280350  
PRIOR FILING DATE: 2001-03-30  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence

```
FEATURE:
OTHER INFORMATION: synthetic
US-10-374-686-4

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4461 GACCTTTTCTTTTCTT 4478
DB 19 GAGCTTTTCTTTTCTT 2

RESULT 2037
US-10-388-934-838
Sequence 838, Application US/10388934
Publication No. US20040005547A1
GENERAL INFORMATION:
APPLICANT: Boess, Franziska
APPLICANT: Suter-Dick, Laura
APPLICANT: Wolf, Detlef
TITLE OF INVENTION: BIOMARKERS AND EXPRESSION PROFILES FOR TOXICOLOGY
FILE REFERENCE: 21199
CURRENT APPLICATION NUMBER: US/10/388,934
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: 02005336.9
PRIOR FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 02015657.6
PRIOR FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 862
SOFTWARE: Patentin version 3.1
SEQ ID NO 838
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Forward primer for CYP2B2 Gene
US-10-388-934-838

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1164 GCTCAAGTATCCCATCT 1181
DB 2 GCTCAAGTATCCCATCT 19

RESULT 2038
US-10-349-143-7056
Sequence 7056, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/299,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7056
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
```

```
FEATURE:
NAME/KEY: primer_bind
LOCATION: 11..21
OTHER INFORMATION: upstream amplification primer 99-23736 for SEQ 3122,
US-10-349-143-7056

Query Match
Best Local Similarity 88.9%; Score 14.8; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4028 GAGAAACCAAAATGTTAT 4045
DB 1 GAGAAATTAATGTTAT 18

RESULT 2039
US-10-210-130-293/C
Sequence 293, Application US/10210130
Publication No. US20040014053A1
GENERAL INFORMATION:
APPLICANT: Zethusen, Bryan D.
APPLICANT: Paturajan, Meera
APPLICANT: Kekuda, Ramesh
APPLICANT: Miller, Charles E.
APPLICANT: Rieger, Daniel K.
APPLICANT: Pena, Carol E.A.
APPLICANT: Shimkets, Richard A.
APPLICANT: Li, Li
APPLICANT: Berghs, Constance
APPLICANT: Zhong, Mei
APPLICANT: Casman, Stacie J.
APPLICANT: Voss, Edward Z.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Smithson, Glenda
APPLICANT: Ji, Weizhen
APPLICANT: Gorman, Linda
APPLICANT: Vernet, Corine A.M.
APPLICANT: Leite, Mario W.
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Anderson, David W.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Gerlach, Valerie
APPLICANT: Burgess, Catherine E.
APPLICANT: Khramtsov, Nikolai V.
APPLICANT: Ort, Tatiana
APPLICANT: Ellerman, Karen
APPLICANT: Rastrelli, Luca
APPLICANT: Agge, Michele L.
APPLICANT: Chaudhuri, Amitabha
APPLICANT: Chant, John S.
APPLICANT: DiPippo, Vincent A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Eisen, Andrew J.
APPLICANT: Gangolli, Baha A.
APPLICANT: Gioc, Loic
APPLICANT: Ooi, Chean Eng
APPLICANT: Rothenberg, Mark E.
APPLICANT: Spaderna, Steven K.
APPLICANT: Halt, Tord
APPLICANT: Liu, Xiaohong
APPLICANT: Taupier, Raymond J., Jr.
APPLICANT: Caterton, Elina
APPLICANT: Shenoy, Suresh G.
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-416C (Guts-716 SWT)
CURRENT APPLICATION NUMBER: US/10/210,130
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/309,501
PRIOR FILING DATE: 2001-08-02
PRIOR APPLICATION NUMBER: 60/316,508
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/354,655
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; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/322,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: Curoseqblast version 0.1
; SEQ ID NO 293
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-293

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      7384 TGTACAGTTCCTCTGAA 7401
Db      19  TGTCCAGTTCCTCTCTGAA 2

RESULT 2040
US-10-055-569A-108
; Sequence 108, Application US/10055569A
; Publication No. US20040024181A1
; GENERAL INFORMATION:
; APPLICANT: Gangoli, Esha A
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Gilbert, Jennifer
; APPLICANT: Casman, Stacie
; APPLICANT: Blalock, Angela
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Shenoy, Suresh
; APPLICANT: Mishra, Vishnu S
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Edinger, Shlomit
; APPLICANT: Malysanker, Uriel
; APPLICANT: Stone, David
; APPLICANT: Millet, Isabelle
; APPLICANT: Smithson, Glenda
; APPLICANT: Gunther, Erik
; APPLICANT: Eliezer, Karen
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Anderson, David W
; TITLE OF INVENTION: No. US20040024181A1 Human Proteins, Polynucleotides Encoding Th
; FILE REFERENCE: 21402-191
; CURRENT APPLICATION NUMBER: US/10/055,569A
; PRIOR APPLICATION NUMBER: 60/243,642
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,320
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,592
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,681
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; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/243,863
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/244,443
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: 60/245,029
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/244,995
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/245,293
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: 60/245,315
; PRIOR FILING DATE: 2000-11-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-10-055-569A-108

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      3683 GCCAGAAAGCCAGCTATT 3700
Db      1  GCCAGAAAGCAACTATT 18

RESULT 2041
US-10-444-795B-739/C
; Sequence 739, Application US/10444795B
; Publication No. US20040077574A1
; GENERAL INFORMATION:
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Lewis, Stephen Patrick
; TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
; FILE REFERENCE: 200125.449
; CURRENT APPLICATION NUMBER: US/10/444,795B
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 842
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 739
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA - MKK4.3
; NAME/KEY: misc feature
; LOCATION: 20, 21
; OTHER INFORMATION: n = A,T,C,G or U
US-10-444-795B-739

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1624 CAGCTGGGAGAGATTCC 1641
Db      18  CAGCTGGGAGAGATCTCC 1

RESULT 2042
US-10-444-795B-740
; Sequence 740, Application US/10444795B
; Publication No. US20040077574A1
```

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/ GENERAL INFORMATION:
/ APPLICANT: Klinghoffer, Richard
/ APPLICANT: Lewis, Stephen Patrick
/ TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL
/ FILE REFERENCE: 200125.449
/ CURRENT APPLICATION NUMBER: US/10/444,795B
/ CURRENT FILING DATE: 2003-05-23
/ NUMBER OF SEQ ID NOS: 842
/ SOFTWARE: RastSeq for Windows Version 4.0
/ SEQ ID NO 740
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Small interfering RNA - MKK4.3
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: n = A,T,C,G or U
US-10-444-795B-740

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 72.2%; Pred. No. 1.4e+03;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1624 CAGCTGCGGAGATTTCC 1641
DB      4 CAGCUGCGGAGAUCCUC 21

RESULT 2043
US-10-646-436-52/C
/ Sequence 52, Application US/10646436
/ Publication No. US20040096882A1
/ GENERAL INFORMATION:
/ APPLICANT: Jansen, Burkhard
/ APPLICANT: Gleave, Martin
/ APPLICANT: Signaevsky, Maxim
/ APPLICANT: Beraldi, Eliana
/ APPLICANT: Trougakos, Ioannis
/ APPLICANT: Gonos, Efsthios
/ TITLE OF INVENTION: RNAi Probes Targeting Cancer-Related Proteins
/ FILE REFERENCE: UBC-P-030
/ CURRENT APPLICATION NUMBER: US/10/646,436
/ CURRENT FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: US 60/405,193
/ PRIOR FILING DATE: 2002-08-21
/ PRIOR APPLICATION NUMBER: US 60/408,152
/ PRIOR FILING DATE: 2002-09-03
/ PRIOR APPLICATION NUMBER: US 60/473,387
/ PRIOR FILING DATE: 2003-05-20
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 52
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: RNAi for human b-raf
US-10-646-436-52

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
/ Sequence 10, Application US/10669841
/ Publication No. US20040127446A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: Lawrence, Blact
/ APPLICANT: Dennis, Macejak
/ APPLICANT: James, McSwiggen
/ APPLICANT: David, Morrissey
/ APPLICANT: Pamela, Ravco
/ APPLICANT: Patrice, Lee
/ APPLICANT: Kenneth, Draper
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
/ FILE REFERENCE: 400/042US (MEH802-249-E)
/ CURRENT APPLICATION NUMBER: US/10/669,841
/ CURRENT FILING DATE: 2003-09-23
/ PRIOR APPLICATION NUMBER: PCT/US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: US 60/296,876
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 60/335,059
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: US 60/337,055
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US 09/740,332
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: US 09/611,931
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: US 09/504,321
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 10
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: Hepatitis B virus
US-10-669-841-10

Query Match          0.2%; Score 14.8; DB 1; Length 21;
Best Local Similarity 33.3%; Pred. No. 1.4e+03;
Matches 6; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY      2904 TGCTTGTTTCCTCTAT 2921
DB      2 UCACUUCUUCUUCUUAU 19

RESULT 2045
US-10-785-116-17
/ Sequence 17, Application US/10785116
/ Publication No. US20040142427A1
/ GENERAL INFORMATION:
/ APPLICANT: Pecker, Itie
/ APPLICANT: Vlodaevsky, Israel
/ APPLICANT: Feinstein, Elena
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
/ FILE REFERENCE: 27674
/ CURRENT APPLICATION NUMBER: US/10/785,116
/ CURRENT FILING DATE: 2004-02-25
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 17
/ LENGTH: 21
/ TYPE: DNA
```

ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic oligonucleotide  
US-10-785-116-17

Query Match 0.2%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 1.4e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7413 CAGCAGCAGCAGCAGCAG 7430  
DB 4 CAGCAGCAGCAGCAGCAG 21

RESULT 2046  
US-09-769-864-52/C  
Sequence 52, Application US/09769864  
Patent No. US20010039253A1  
GENERAL INFORMATION:  
APPLICANT: Borchert, Torben V.  
APPLICANT: Svendsen, Allan  
APPLICANT: Andersen, Carsten  
APPLICANT: Nielsen, Bjarne  
APPLICANT: Nissen, Torben L.  
APPLICANT: Kjaerulff, Soren  
TITLE OF INVENTION: Alpha-Amylase Mutants  
FILE REFERENCE: 5368,200-US  
CURRENT APPLICATION NUMBER: US/09/769,864  
CURRENT FILING DATE: 2001-01-25  
PRIOR APPLICATION NUMBER: 09/183,412  
PRIOR FILING DATE: 1998-10-30  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 52  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-769-864-52

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1919 TTGGTGCATTACACACA 1936  
DB 19 TTGGCGCATTAATACACA 2

RESULT 2047  
US-09-893-238-50  
Sequence 50, Application US/09893238  
Patent No. US20020150973A1  
GENERAL INFORMATION:  
APPLICANT: Moore, K.  
APPLICANT: Nagle, D.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND  
FILE REFERENCE: 7853-237  
CURRENT APPLICATION NUMBER: US/09/893,238  
CURRENT FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: 09/245,041  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/093,630  
PRIOR FILING DATE: 1998-07-21  
PRIOR APPLICATION NUMBER: 60/104,978  
PRIOR FILING DATE: 1998-10-20  
NUMBER OF SEQ ID NOS: 129  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 50  
LENGTH: 22  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-893-238-50

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 7072 TGAATGACTGATGCTCCT 7089  
DB 1 TGAATGACAGAGACCTCCT 18

RESULT 2048  
US-09-949-427-349  
Sequence 349, Application US/09949427  
Publication No. US20030054418A1  
GENERAL INFORMATION:  
APPLICANT: Bodnar, Jackie S.  
APPLICANT: Castellani, Lawrence W.  
APPLICANT: Chatterjee, Anubhindo  
APPLICANT: de Jong, Pieter  
APPLICANT: Lusis, Aldons J.  
APPLICANT: Ohmen, Jeff  
APPLICANT: Ross, David  
APPLICANT: Tafuri, Sherrie  
APPLICANT: Wu, Chanyan  
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer  
FILE REFERENCE: 02810.0014.NPUS02  
CURRENT APPLICATION NUMBER: US/09/949,427  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,322  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 349  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-949-427-349

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 544 GTGCACCTTGAGGTGACA 561  
DB 4 GTGCACCTTAAAGTGACA 21

RESULT 2049  
US-09-902-176A-29/C  
Sequence 29, Application US/09902176A  
Publication No. US2003009943A1  
GENERAL INFORMATION:  
APPLICANT: Schreiber, Stefan  
APPLICANT: Hampe, Jochen  
APPLICANT: Mascheretti, Silvia  
TITLE OF INVENTION: diagnostic use of polymorphisms in the Gene Coding for  
TITLE OF INVENTION: the TNF Receptor II and Method for Detecting  
FILE REFERENCE: 25481-P001US  
CURRENT APPLICATION NUMBER: US/09/902,176A  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: EP 00114786.7  
PRIOR FILING DATE: 2000-07-10  
NUMBER OF SEQ ID NOS: 54  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 29  
LENGTH: 22

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: FAM Probe  
US-09-902-176A-29

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7412 TCAGCAGCAGCAGCAGCA 7429  
Db 18 TCACCAGCGCAGCAGCA 1

RESULT 2050  
US-09-864-636A-1899  
Sequence 1899, Application US/09864636A  
Publication No. US20030104378A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Altwai, Hatim  
APPLICANT: Bartholomay, Christian  
APPLICANT: Chenak, Lubane  
TITLE OF INVENTION: Detection of RNA Sequences  
FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1899  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGGTGGGT 2887  
Db 1 GGAAGAGGAGGTGGGT 18

RESULT 2051  
US-09-864-636A-1966  
Sequence 1966, Application US/09864636A  
Publication No. US20030104378A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Altwai, Hatim  
APPLICANT: Bartholomay, Christian  
APPLICANT: Chenak, Lubane  
TITLE OF INVENTION: Detection of RNA Sequences  
FILE REFERENCE: FORS-04944  
CURRENT APPLICATION NUMBER: US/09/864,636A  
CURRENT FILING DATE: 2002-10-15  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1966  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-636A-1966

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4412 AAATGATTTTCCTGCT 4429  
Db 1 AAATGATTTTCCTGCT 18

RESULT 2052  
US-09-927-876-62/c  
Sequence 62, Application US/09927876  
Publication No. US20040005554A1  
GENERAL INFORMATION:  
APPLICANT: El Tayar, Nabil  
APPLICANT: Campbell, Robert K  
APPLICANT: Kelton, Christie A  
APPLICANT: He, Chamel  
TITLE OF INVENTION: No. US20040005554A1el Glycoproteins and Methods of Use Thereof  
FILE REFERENCE: 20993-003  
CURRENT APPLICATION NUMBER: US/09/927,876  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: 60/225,035  
PRIOR FILING DATE: 2000-08-11  
PRIOR APPLICATION NUMBER: 60/202,724  
PRIOR FILING DATE: 2000-05-08  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 62  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PCR Probe  
US-09-927-876-62

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5275 GGGAGCAGTGGCAGCCT 5292  
Db 19 GGGTCCAAGTGGCAGCCT 2

RESULT 2053  
US-09-864-426A-1899  
Sequence 1899, Application US/09864426A  
Publication No. US20040018489A1  
GENERAL INFORMATION:  
APPLICANT: Third Wave Technologies  
APPLICANT: Ma, Wu Po  
APPLICANT: Lyamichiev, Victor  
APPLICANT: Salser, Michael  
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences  
FILE REFERENCE: FORS-04946  
CURRENT APPLICATION NUMBER: US/09/864,426A  
CURRENT FILING DATE: 2001-05-24  
NUMBER OF SEQ ID NOS: 2640  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1899  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-864-426A-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2870 GGAGGAGGAGGTGGGT 2887  
Db 1 GGAAGAGGAGGTGGGT 18

```
RESULT 2054
US-09-864-426A-1966
; Sequence 1966, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Salsber, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: PORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1966
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1966

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4412 AATGAAATTTTCTCTGCT 4429
Db      1 AATGAAATGTTCTCTGCT 18

RESULT 2055
US-10-457-047-62/C
; Sequence 62, Application US/10457047
; Publication No. US20040072214A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabli
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/457,047
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 62
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Probe
US-10-457-047-62

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5275 GGAGCAGGTGGCAGCCT 5292
Db      19 GGGTGCAAGTGCGAGCCT 2
```

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RESULT 2056
US-10-639-491-12
; Sequence 12, Application US/10639491
; Publication No. US2004007230A1
; GENERAL INFORMATION:
; APPLICANT: HSUNG, CHAO AGNES
; APPLICANT: CHUANG, LEE-MING
; APPLICANT: HSIAO, CHIN-FU
; APPLICANT: TAI, TONG-YUAN
; TITLE OF INVENTION: HUMAN SORBS1 GENETIC VARIATIONS CONTRIBUTE TO INSULIN
; FILE REFERENCE: RESISTANCE, OBESITY, TYPE 2 DIABETES AND HYPERTENSION
; CURRENT APPLICATION NUMBER: US/10/639,491
; CURRENT FILING DATE: 2003-08-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-639-491-12

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4258 CCTCCCTCCTCTGCACCTG 4275
Db      4 CCTCCCTCCTGTGCTCTG 21

RESULT 2057
US-10-262-511-296
; Sequence 296, Application US/10262511
; Publication No. US20040038223A1
; GENERAL INFORMATION:
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; APPLICANT: Peyman, John A.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Ju, Jingfang
; APPLICANT: Li, Li
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Patlurajan, Meera
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Ott, Tatiana
; APPLICANT: Gorman, Linda
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Ji, Weizhen
; APPLICANT: Miller, Charles E.
; APPLICANT: Rastelli, Luca
; APPLICANT: Stone, David J.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shmets, Suresh G.
; APPLICANT: Shmets, Richard A.
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Leach, Martin D.
; APPLICANT: Agee, Michele L.
; APPLICANT: Berghs, Constance
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-462C
; CURRENT APPLICATION NUMBER: US/10/262,511
; CURRENT FILING DATE: 2003-05-28
```

PRIOR APPLICATION NUMBER: 60/326,483  
PRIOR FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: 60/373,815  
PRIOR FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: 60/327,917  
PRIOR FILING DATE: 2001-10-09  
PRIOR APPLICATION NUMBER: 60/381,642  
PRIOR FILING DATE: 2002-05-17  
PRIOR APPLICATION NUMBER: 60/328,029  
PRIOR FILING DATE: 2002-10-09  
PRIOR APPLICATION NUMBER: 60/381,038  
PRIOR FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 60/328,056  
PRIOR FILING DATE: 2001-10-09  
PRIOR APPLICATION NUMBER: 60/373,260  
PRIOR FILING DATE: 2002-04-17  
PRIOR APPLICATION NUMBER: 60/373,826  
PRIOR FILING DATE: 2002-04-19  
PRIOR APPLICATION NUMBER: 60/327,435  
PRIOR FILING DATE: 2001-10-05  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 439  
SOFTWARE: CuroSeqList version 0.1  
SEQ ID NO: 296  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-263-511-296:

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 5654 GCCTCATCTCTTAGTGG 5671  
DB 3 GCCTCATCTCTTTGATG 20

RESULT 2058  
US-10-665-667-52/C  
Sequence 52, Application US/10665667  
Publication No. US20040038368A1  
GENERAL INFORMATION:  
APPLICANT: Borchert, Torben V.  
APPLICANT: Svendsen, Allan  
APPLICANT: Andersen, Carsten  
APPLICANT: Nielsen, Bjarne  
APPLICANT: Nissen, Torben L.  
APPLICANT: Kjaerulff, Soren  
TITLE OF INVENTION: Alpha-Amulase Mutants  
FILE REFERENCE: 5368,200-US  
CURRENT APPLICATION NUMBER: US/10/665,667  
CURRENT FILING DATE: 2003-09-19  
PRIOR APPLICATION NUMBER: US/09/769,864  
PRIOR FILING DATE: 2001-01-25  
PRIOR APPLICATION NUMBER: 09/183,412  
PRIOR FILING DATE: 1998-10-30  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO: 52  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-10-665-667-52

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1919 TTGGTGCAATTAACA 1936  
DB 19 TTGGCGGCAATTAACA 2

RESULT 2059  
US-10-655-847-5/C  
Sequence 5, Application US/10655847  
Publication No. US20040063129A1  
GENERAL INFORMATION:  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Preler  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION  
FILE REFERENCE: RTS-0189  
CURRENT APPLICATION NUMBER: US/10/655,847  
CURRENT FILING DATE: 2003-09-05  
PRIOR APPLICATION NUMBER: US/10/160,807  
PRIOR FILING DATE: 2003-09-05  
NUMBER OF SEQ ID NOS: 296  
SEQ ID NO: 5  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-10-655-847-5

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 913 GAGTGCTGGACATCAG 930  
DB 20 GAGGTACTGGGCATCAG 3

RESULT 2060  
US-09-949-428-349  
Sequence 349, Application US/09949428  
Publication No. US20030064372A1  
GENERAL INFORMATION:  
APPLICANT: Bodnar, Jackie S.  
APPLICANT: Castellan, Lawrence W.  
APPLICANT: Chatterjee, Anubindo  
APPLICANT: de Jong, Pieter  
APPLICANT: Luisis, Aldons J.  
APPLICANT: Ohmen, Jeff  
APPLICANT: Rose, David  
APPLICANT: Tatu, Sherrie  
APPLICANT: Wu, Chanyan  
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder  
FILE REFERENCE: 02810,0014,NEUS01  
CURRENT APPLICATION NUMBER: US/09/949,428  
CURRENT FILING DATE: 2001-09-07  
PRIOR APPLICATION NUMBER: 60/231,322  
PRIOR FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 405  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO: 349  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-949-428-349

Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 544 GTGCACTTGAGGTGACA 561  
DB 11 GTGCACTTGAGGTGACA 561

Db 4 GTCGACATTAGGTGACA 21

RESULT 2061

US-10-126-103-218

Sequence 218, Application US/10126103

Publication No. US20030224486A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY

FILE REFERENCE: DOI08.np

CURRENT APPLICATION NUMBER: US/10/126,103

PRIOR FILING DATE: 2002-04-19

PRIOR APPLICATION NUMBER: US 60/284,962

PRIOR FILING DATE: 2001-04-19

PRIOR APPLICATION NUMBER: US 60/286,645

PRIOR FILING DATE: 2001-04-26

PRIOR APPLICATION NUMBER: US 60/346,986

PRIOR FILING DATE: 2002-01-09

NUMBER OF SEQ ID NOS: 284

SOFTWARE: PatentIn version 3.0

SEQ ID NO 218

LENGTH: 22

TYPE: DNA

ORGANISM: Homo sapiens

US-10-126-103-218

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 683 TGCAAGCCCTGATGTGG 700

2 TGCAAGCTTGTGATGTGG 19

RESULT 2062

US-10-160-807-5/c

Sequence 5, Application US/10160807

Publication No. US20030224514A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freiler

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RFS-0189

CURRENT APPLICATION NUMBER: US/10/160,807

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 5

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-10-160-807-5

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 913 GAGGTGCTGACATCAGG 930

20 GAGGTACTGGGATCAGG 3

RESULT 2063

US-10-084-839-1899

Sequence 1899, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: IP, Hon S.

APPLICANT: JI, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

APPLICANT: Lukowiak, Andrew A.

APPLICANT: Lyatcheva, Natalie E.

APPLICANT: Ma, Wupo

APPLICANT: Neri, Bruce P.

APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.

APPLICANT: Schaefer, James J.

APPLICANT: Skrzypczynski, Zbigniew

APPLICANT: Takova, Tsetska Y.

APPLICANT: Thompson, Lisa C.

APPLICANT: Vedvik, Kevin L.

TITLE OF INVENTION: RNA Detection Assays

FILE REFERENCE: FORS-06566

CURRENT APPLICATION NUMBER: US/10/084,839

CURRENT FILING DATE: 2002-02-26

NUMBER OF SEQ ID NOS: 4004

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1899

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-10-084-839-1899

Query Match 0.2%; Score 14.8; DB 1; Length 22;

Best Local Similarity 88.9%; Pred. No. 1.5e+03;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 2870 CGAGAGGAGGTGGGCT 2887

1 GGAAGAGGAGGTGGGCT 18

RESULT 2064

US-10-084-839-1966

Sequence 1966, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: IP, Hon S.

APPLICANT: JI, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

APPLICANT: Lukowiak, Andrew A.

APPLICANT: Lyatcheva, Victor

APPLICANT: Lyatcheva, Natalie E.

APPLICANT: Ma, Wupo

APPLICANT: Neri, Bruce P.

APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.

APPLICANT: Schaefer, James J.

APPLICANT: Skrzypczynski, Zbigniew

APPLICANT: Takova, Tsetska Y.

APPLICANT: Thompson, Lisa C.

```
APPLICANT: Vedula, Kevin L.
FILE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patent in version 3.1
SEQ ID NO 1966
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1966

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      4412 AATGATTTTCTCTGCT 4429
Db      1 AATGATTTCTCTCTGCT 18

RESULT 2065
US-10-025-806-231
Sequence 231, Application US/10025806
Publication No. US20030198955A1
GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Padigar, Muralidhara
APPLICANT: Ballinger, Robert
APPLICANT: Kekuda, Ramesh
APPLICANT: Colman, Steven
APPLICANT: Splek, Kimberly
APPLICANT: Casman, Stacie
APPLICANT: Edinger, Shlomit
APPLICANT: Gerlach, Valerie
APPLICANT: Sciore, Paul
APPLICANT: Smithson, Glenda
APPLICANT: Peyman, John
APPLICANT: MacDougall, John
APPLICANT: Stone, David
APPLICANT: Vernet, Corine
APPLICANT: Shenoy, Suresh
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Tchernev, Velizar
APPLICANT: Anderson, David
APPLICANT: Gusev, Vladimir
APPLICANT: Malyankar, Uriel
APPLICANT: Zhong, Haihong
APPLICANT: Ellerman, Karen
APPLICANT: Wolenc, Adam
FILE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-224 AB
CURRENT APPLICATION NUMBER: US/10/025,806
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/256,635
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: 60/259,743
PRIOR FILING DATE: 2001-01-04
PRIOR APPLICATION NUMBER: 60/299,327
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 60/261,498
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 60/263,689
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/276,464
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/271,021
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 60/275,946
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PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/278,150
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/285,718
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 60/312,902
PRIOR FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 60/257,876
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/260,718
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: 60/284,591
PRIOR FILING DATE: 2001-04-18
NUMBER OF SEQ ID NOS: 352
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 231
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: TagMan PCR
OTHER INFORMATION: primer
US-10-025-806-231

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1750 CTGACGCTCATTTATGTC 1767
Db      5 CAGGAGCTCATGATTGTC 22

RESULT 2066
US-10-360-149-62/c
Sequence 62, Application US/10360149
Publication No. US20030219786A1
GENERAL INFORMATION:
APPLICANT: El Tayar, Nabil
APPLICANT: Campbell, Robert K
APPLICANT: Kelton, Christie A
APPLICANT: He, Chasmei
FILE OF INVENTION: NO. US20030219786A1 Glycoproteins and Methods of Use Thereof
FILE REFERENCE: 20993-003
CURRENT APPLICATION NUMBER: US/10/360,149
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US/09/927,876
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/225,035
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/202,724
PRIOR FILING DATE: 2000-05-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 62
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Probe
OTHER INFORMATION: Sequence
US-10-360-149-62

Query Match      0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      5275 CGGAGCAGTGGCAGCCT 5292
Db      19 GGGTGCAGTGGCAGCCT 2

RESULT 2067
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US-10-210-130-237  
; Sequence 237, Application US/10210130  
; Publication No. US20040014053A1  
; GENERAL INFORMATION:  
; APPLICANT: Zernusen, Bryan D.  
; APPLICANT: Paturajan, Meera  
; APPLICANT: Kekuda, Ramesh  
; APPLICANT: Miller, Charles E.  
; APPLICANT: Rieger, Daniel K.  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Shinkets, Richard A.  
; APPLICANT: Li, Li  
; APPLICANT: Berghs, Constance  
; APPLICANT: Zhong, Mei  
; APPLICANT: Caeman, Stacie J.  
; APPLICANT: Voss, Edward Z.  
; APPLICANT: Boldog, Ferenc L.  
; APPLICANT: Padigar, Muralidhara  
; APPLICANT: Smithson, Glenda  
; APPLICANT: Ji, Weizhen  
; APPLICANT: Gorman, Linda  
; APPLICANT: Vermet, Corine A.M.  
; APPLICANT: Leite, Mario W.  
; APPLICANT: Guo, Xiaojia Saasha  
; APPLICANT: Anderson, David W.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Gerlach, Valerie  
; APPLICANT: Burgess, Catherine E.  
; APPLICANT: Khrantsov, Nikolai V.  
; APPLICANT: Ort, Tatiana  
; APPLICANT: Ellerman, Karen  
; APPLICANT: Rastelli, Luca  
; APPLICANT: Agee, Michele L.  
; APPLICANT: Chaudhuri, Amitabha  
; APPLICANT: Chan, John S.  
; APPLICANT: DiPippo, Vincent A.  
; APPLICANT: Edinger, Shlomit R.  
; APPLICANT: Eisen, Andrew J.  
; APPLICANT: Gangolli, Esna A.  
; APPLICANT: Gioc, Loic  
; APPLICANT: Ooi, Chean Eng  
; APPLICANT: Rothenberg, Mark E.  
; APPLICANT: Spaderna, Steven K.  
; APPLICANT: Hjal, Tord  
; APPLICANT: Liu, Xiaohong  
; APPLICANT: Taupier, Raymond J., Jr.  
; APPLICANT: Catterton, Elina  
; APPLICANT: Shenoy, Suresh G.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-416C (Cura-716 SMT)  
; CURRENT APPLICATION NUMBER: US/10/210,130  
; CURRENT FILING DATE: 2002-08-01  
; PRIOR APPLICATION NUMBER: 60/309,501  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: 60/316,508  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 60/354,655  
; PRIOR FILING DATE: 2002-02-05  
; PRIOR APPLICATION NUMBER: 60/310,291  
; PRIOR FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: 60/383,887  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: 60/310,951  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 60/323,936  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: 60/381,039  
; PRIOR FILING DATE: 2002-05-16  
; PRIOR APPLICATION NUMBER: 60/311,292  
; PRIOR FILING DATE: 2001-08-09  
; PRIOR APPLICATION NUMBER: 60/311,979  
; PRIOR FILING DATE: 2001-08-13  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 369  
; SOFTWARE: Cursaseq1 version 0.1  
; SEQ ID NO 237  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-210-130-237  
Query Match 0.2%; Score 14.8; DB 1; Length 22;  
Best Local Similarity 88.9%; Pred. No. 1.5e+03;  
Matches 16; Conservative 2; Indels 0; Gaps 0;  
Qy 5318 CTCCTCTTCTCTCTT 5335  
Db 3 CTCCTCTTCTCTCTT 20  
RESULT 2068  
US-10-210-130-240  
; Sequence 240, Application US/10210130  
; Publication No. US20040014053A1  
; GENERAL INFORMATION:  
; APPLICANT: Zernusen, Bryan D.  
; APPLICANT: Paturajan, Meera  
; APPLICANT: Kekuda, Ramesh  
; APPLICANT: Miller, Charles E.  
; APPLICANT: Rieger, Daniel K.  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Shinkets, Richard A.  
; APPLICANT: Li, Li  
; APPLICANT: Berghs, Constance  
; APPLICANT: Zhong, Mei  
; APPLICANT: Caeman, Stacie J.  
; APPLICANT: Voss, Edward Z.  
; APPLICANT: Boldog, Ferenc L.  
; APPLICANT: Padigar, Muralidhara  
; APPLICANT: Smithson, Glenda  
; APPLICANT: Ji, Weizhen  
; APPLICANT: Gorman, Linda  
; APPLICANT: Vermet, Corine A.M.  
; APPLICANT: Leite, Mario W.  
; APPLICANT: Guo, Xiaojia Saasha  
; APPLICANT: Anderson, David W.  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Gerlach, Valerie  
; APPLICANT: Burgess, Catherine E.  
; APPLICANT: Khrantsov, Nikolai V.  
; APPLICANT: Ort, Tatiana  
; APPLICANT: Ellerman, Karen  
; APPLICANT: Rastelli, Luca  
; APPLICANT: Agee, Michele L.  
; APPLICANT: Chaudhuri, Amitabha  
; APPLICANT: Chan, John S.  
; APPLICANT: DiPippo, Vincent A.  
; APPLICANT: Edinger, Shlomit R.  
; APPLICANT: Eisen, Andrew J.  
; APPLICANT: Gangolli, Esna A.  
; APPLICANT: Gioc, Loic  
; APPLICANT: Ooi, Chean Eng  
; APPLICANT: Rothenberg, Mark E.  
; APPLICANT: Spaderna, Steven K.  
; APPLICANT: Hjal, Tord  
; APPLICANT: Liu, Xiaohong  
; APPLICANT: Taupier, Raymond J., Jr.  
; APPLICANT: Catterton, Elina  
; APPLICANT: Shenoy, Suresh G.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-416C (Cura-716 SMT)  
; CURRENT APPLICATION NUMBER: US/10/210,130  
; CURRENT FILING DATE: 2002-08-01  
; PRIOR APPLICATION NUMBER: 60/309,501

```

; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuroSeqLast version 0.1
; SEQ ID NO 240
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-240
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```

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      5318 CTCCTCTTTCTCTCTTT 5335
Db      3   CTCCTCTTTCTCTCTCT 20
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RESULT 2069
US-10-435-696-246
; Sequence 246, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnies, Marc
; APPLICANT: Kallabals, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 246
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D17S2019 reverse primer
US-10-435-696-246
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```

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      7299 TTGTTCCCTTGAGATT 7316
Db      1   TTGTTCCCTTGACTTT 18
```

```

RESULT 2070
US-10-431-096-218
; Sequence 218, Application US/10431096
; Publication No. US20040086896A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0108A CIP
; CURRENT APPLICATION NUMBER: US/10/431,096
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/284,962
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 10/126,103
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/286,645
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/346,986
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 307
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 218
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-431-096-218
```

```

Query Match          0.2%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      683 TGCAGCCCTGGATGTGG 700
Db      2   TGCAGCTCTGGATGTGG 19
```

```

RESULT 2071
US-10-309-775A-23/c
; Sequence 23, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-23
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```

Query Match          0.2%; Score 14.8; DB 1; Length 24;
Best Local Similarity 88.9%; Pred. No. 1.6e+03;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      6977 AAAAACAACAAGATGA 6994
Db      23   AAAAACAACAAGATGA 6
```

```

RESULT 2072
US-09-922-480-7/c
; Sequence 7, Application US/09922480
; Patent No. US20020081701A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Sheppard, Paul O.
/ APPLICANT: Adler, David A.
/ TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
/ FILE REFERENCE: 97-71
/ CURRENT APPLICATION NUMBER: US/09/922,480
/ CURRENT FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: US 60/124,820
/ PRIOR FILING DATE: 1999-03-17
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 7
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2073
US-09-923-236-7/c
/ Sequence 7, Application US/09923236
/ Patent No. US20020090677A1
/ GENERAL INFORMATION:
/ APPLICANT: Sheppard, Paul O.
/ APPLICANT: Adler, David A.
/ TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
/ FILE REFERENCE: 97-71
/ CURRENT APPLICATION NUMBER: US/09/923,236
/ CURRENT FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: US 60/124,820
/ PRIOR FILING DATE: 1999-03-17
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 7
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2074
US-09-923-246-38/c
/ Sequence 38, Application US/09923246
/ Patent No. US20020128446A1
/ GENERAL INFORMATION:
/ APPLICANT: No. US20020128446A1ak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
```

```
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/09/923,246
/ CURRENT FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
/ PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 38
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAAAAACA 4036
Db      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2075
US-09-920-342-3/c
/ Sequence 3, Application US/09920342
/ Patent No. US20020137709A1
/ GENERAL INFORMATION:
/ APPLICANT: University of Southern California
/ APPLICANT: Lhn, Shi-Lung
/ APPLICANT: Chuong, Cheng-Ming
/ APPLICANT: Wideltz, Randall B.
/ TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
/ FILE REFERENCE: 13761-7024
/ CURRENT APPLICATION NUMBER: US/09/920,342
/ CURRENT FILING DATE: 2002-01-17
/ PRIOR APPLICATION NUMBER: US 60/222,479
/ PRIOR FILING DATE: 2000-08-02
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Poly(dT)-26mer primer
US-09-920-342-3

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAAAAACA 4037
Db      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2076
US-09-922-469-7/c
/ Sequence 7, Application US/09922469
/ Patent No. US20020173027A1
/ GENERAL INFORMATION:
/ APPLICANT: Sheppard, Paul O.
/ APPLICANT: Adler, David A.
/ TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
```

```
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-469-7

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4011 TAAATGAGAAAAAGAGAGAAACA 4036
DB      26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2077
US-09-949-305B-4/C
; Sequence 4, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Shao-Yao
; APPLICANT: Lin, Shi-Lung
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: poly(dT) primer
US-09-949-305B-4

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACA 4037
DB      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2078
US-10-143-266-2/C
; Sequence 2, Application US/10143266
; Publication No. US20030108867A1
; GENERAL INFORMATION:
; APPLICANT: Rannum, Laura
; APPLICANT: Day, John
; APPLICANT: Liqoril, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110-01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
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; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2
; LENGTH: 26
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-2

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      2951 CAGCAGACGACGACCGCCGAGAA 2976
DB      26 CAGCAGACGACGACCGCCGAGAG 1

RESULT 2079
US-10-053-883-53/C
; Sequence 53, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 53
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sythetic
US-10-053-883-53

Query Match          0.2%; Score 14.8; DB 1; Length 26;
Best Local Similarity 73.1%; Pred. No. 1.8e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAGAGAGAAACA 4037
DB      26 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2080
US-10-295-723-38/C
; Sequence 38, Application US/10295723
; Publication No. US20030125524A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030125524A1ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
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;; PRIOR APPLICATION NUMBER: US 60/123,547  
;; PRIOR FILING DATE: 1999-03-09  
;; PRIOR APPLICATION NUMBER: US 60/123,904  
;; PRIOR FILING DATE: 1999-03-11  
;; PRIOR APPLICATION NUMBER: US 60/142,013  
;; PRIOR FILING DATE: 1999-07-01  
;; NUMBER OF SEQ ID NOS: 115  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 38  
;; LENGTH: 26  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-10-295-723-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;  
Best Local Similarity 73.1%; Pred. No. 1.8e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAGAGAGAAACA 4036  
DB 26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2081  
US-10-659-684-38/C  
;; Sequence 38, Application US/10659684  
;; Publication No. US20040110932A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Novak, Julia E.  
;; APPLICANT: Presnell, Scott R.  
;; APPLICANT: Sprecher, Cindy A.  
;; APPLICANT: Foster, Donald C.  
;; APPLICANT: Holly, Richard D.  
;; APPLICANT: Gross, Jane A.  
;; APPLICANT: Johnston, Janet V.  
;; APPLICANT: Nelson, Andrew J.  
;; APPLICANT: Dillon, Stacey R.  
;; APPLICANT: Hammond, Angela K.  
;; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
;; FILE REFERENCE: 99-16  
;; CURRENT APPLICATION NUMBER: US/10/659,684  
;; CURRENT FILING DATE: 2003-09-10  
;; PRIOR APPLICATION NUMBER: US/09/522,217  
;; PRIOR FILING DATE: 2000-03-09  
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547  
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09  
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904  
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11  
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013  
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01  
;; NUMBER OF SEQ ID NOS: 115  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 38  
;; LENGTH: 26  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
US-10-659-684-38

Query Match 0.2%; Score 14.8; DB 1; Length 26;  
Best Local Similarity 73.1%; Pred. No. 1.8e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4011 TAAATGAGAAAAGAGAGAAACA 4036  
DB 26 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 2082  
US-09-263-959-524

;; Sequence 524, Application US/09263959  
;; Patent No. US20020150891A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Hood, Leroy E.  
;; APPLICANT: Rowen, Lee  
;; APPLICANT: Koop, Ben F.  
;; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
;; NUMBER OF SEQUENCES: 1279  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Seed and Berry LLP  
;; STREET: 6300 Columbia Center, 701 Fifth Avenue  
;; CITY: Seattle  
;; STATE: Washington  
;; COUNTRY: US  
;; ZIP: 98104-7092  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/263,959  
;; FILING DATE: 05-MAR-1999  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: McMaisters, David D.  
;; REGISTRATION NUMBER: 33,963  
;; REFERENCE/DOCKET NUMBER: 920010.426C2  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (206) 622-4900  
;; TELEFAX: (206) 682-6031  
;; INFORMATION FOR SEQ ID NO: 524:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 27 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-263-959-524

Query Match 0.2%; Score 14.8; DB 1; Length 27;  
Best Local Similarity 73.1%; Pred. No. 1.8e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAGAGAGAAACA 4037  
DB 1 AAAAGAAAAGAAAAGAAAAGAAA 26

RESULT 2083  
US-10-369-036B-42/C  
;; Sequence 42, Application US/10369036B  
;; Publication No. US20030228593A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Suga, Hiroaki et al.  
;; TITLE OF INVENTION: Ribozymes with broad tRNA aminoacylation activity  
;; FILE REFERENCE: 11520.0290  
;; CURRENT APPLICATION NUMBER: US/10/369,036B  
;; CURRENT FILING DATE: 2003-02-18  
;; PRIOR APPLICATION NUMBER: 60/357,424  
;; PRIOR FILING DATE: 2002-02-15  
;; NUMBER OF SEQ ID NOS: 61  
;; SEQ ID NO 42  
;; LENGTH: 30  
;; TYPE: DNA  
;; ORGANISM: artificial sequence  
;; FEATURE:  
;; OTHER INFORMATION: synthesized  
US-10-369-036B-42

Query Match 0.2%; Score 14.8; DB 1; Length 30;  
Best Local Similarity 73.1%; Pred. No. 2e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;





```
RESULT 2091
US-09-863-693-10
; Sequence 10, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPacIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/863,693
; FILING DATE: 23-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/070,166
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.
; REGISTRATION NUMBER: 36,487
; REFERENCE/DOCKET NUMBER: P1099R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-2066
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-863-693-10
;
; Query Match
; Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
; Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 185 GCCGCTGACCTCCGACCGG 205
Db 1 GCCGTCGAGCTCAGCACCGG 21
;
RESULT 2092
US-09-898-570-53/c
; Sequence 53, Application US/09898570
; Patent No. US20020123612A1
; GENERAL INFORMATION:
; APPLICANT: GERLACH, VALERIE L.
; APPLICANT: ELLERMAN, KAREN R.
; APPLICANT: MACDOUGALL, JOHN R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: 15966-776CIP
; CURRENT APPLICATION NUMBER: US/09/898,570
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/198,293
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/198,645
```

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; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/210,809
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/199,476
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,025
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/224,610
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,024
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/199,880
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/218,591
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/271,814
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/215,855
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 09/839,446
; PRIOR FILING DATE: 2001-04-19
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-898-570-53
```

```
Query Match
; Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
; Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 6523 GACTATTAGCTGGCCCATAGG 6543
Db 21 GATTATGAGCTGGCCCATAG 1
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```
RESULT 2093
US-09-944-326-3
; Sequence 3, Application US/09944326
; Patent No. US20020128220A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rennie, Paul S.
; APPLICANT: Miyake, Hideaki
; APPLICANT: Nelson, Colleen
; TITLE OF INVENTION: TRPM-2 ANTISENSE THERAPY
; FILE REFERENCE: UBC.P-020-2
; CURRENT APPLICATION NUMBER: US/09/944,326
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 60/121,726
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 09/913,325
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: antisense TRPM-2 ODN
US-09-944-326-3
```

```
Query Match
; Best Local Similarity 81.0%; Score 14.6; DB 1; Length 21;
; Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 674 TGGAGTCGTGCAAGCCCTGG 694
```

Db 1 TGAAGCTTTCACGCGCTCGG 21

RESULT 2094  
US-09-969-373-4112/c  
; Sequence 4112, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Effertz, Roger J.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; PRIOR FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 4112  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-4112

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5745 TTCTCTATTCACCTGCTT 5765  
Db 21 TTGATTCATTCACCTGCTT 1

RESULT 2095  
US-09-263-959-807  
; Sequence 807, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMaisters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 807:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid

; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-807

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 5327 TCTCTCTTTCCTGCTGCTT 5347  
Db 1 TCTCTCTCTCTCTCTCTCT 21

RESULT 2096  
US-09-263-959-892  
; Sequence 892, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMaisters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 892:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-892

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4465 TTTTCTTTTCTTTTCTTCT 4485  
Db 1 TTGTGTGTTGTGTTGTGT 21

RESULT 2097  
US-09-263-959-969/c  
; Sequence 969, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaesters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 969:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-969

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```

Query Match
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4467 TTTTGTGCTGAGATGCT 4487
DB 21 TGTGCTGAGCATGCTCCAC 1

```

```

RESULT 2098
US-09-943-388-35/c
Sequence 35, Application US/09943388
Patent No. US20020160953A1
GENERAL INFORMATION:
APPLICANT: Holloway, James L.
APPLICANT: Webster, Philip J.
APPLICANT: Thayer, Edward C.
TITLE OF INVENTION: Mammalian Glycoprotein Hormone-1
FILE REFERENCE: 00-34
CURRENT APPLICATION NUMBER: US/09/943,388
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: 09/839,706
PRIOR APPLICATION NUMBER: 2000-04-25
PRIOR APPLICATION NUMBER: US 60/199,498
PRIOR APPLICATION NUMBER: 2000-04-25
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 35
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-943-388-35

```

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Query Match
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4476 TTTTGTGCTGAGATGCT 4496
DB 21 TTTTGTGCTGAGATGCTG 1

```

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RESULT 2099
US-09-805-761-53/c
Sequence 53, Application US/09805761
Patent No. US20020165174A1
GENERAL INFORMATION:
APPLICANT: Gill, Parkeesh
APPLICANT: Masood, Rizwan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE
FILE REFERENCE: 21327-701CON2
CURRENT APPLICATION NUMBER: US/09/805,761
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US01/00019
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: US 09/487,023
PRIOR FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: US 09/016,541
PRIOR FILING DATE: 2000-11-24
PRIOR APPLICATION NUMBER: US 09/016,541
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: US 60/037,004
PRIOR FILING DATE: 1997-01-31
NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(21)
OTHER INFORMATION: PIGF
US-09-805-761-53

```

```

Query Match
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5175 TGGGCTGCAATGTTCTCCAC 5195
DB 21 TGGGCTGCAATGTTCTCCAC 1

```

```

RESULT 2100
US-09-766-450-90/c
Sequence 90, Application US/09766450
Publication No. US20030022166A1
GENERAL INFORMATION:
APPLICANT: Collins, Colin
APPLICANT: Volk, Stanislaw
APPLICANT: Gray, Joe W.
APPLICANT: Albertson, Donna G.
APPLICANT: Pinkel, Daniel
TITLE OF INVENTION: Repeat-Free Probes for Molecular
FILE REFERENCE: 023071-111800US
CURRENT APPLICATION NUMBER: US/09/766,450
CURRENT FILING DATE: 2001-01-19
NUMBER OF SEQ ID NOS: 112
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 90
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer 709543.r1
US-09-766-450-90

```

```

Query Match
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

QY 4942 CTCCTTACTTTTCTCTCT 4962  
 Db 21 CTCCTTACGTTTTCCTCT 1

RESULT 2101  
 ; US-09-938-689-53/c  
 ; Sequence 53, Application US/09938689  
 ; Publication No. US20030028911A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Huang, Manley  
 ; APPLICANT: Harding, Fiona  
 ; TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF  
 ; FILE REFERENCE: 9342-028  
 ; CURRENT APPLICATION NUMBER: US/09/938,689  
 ; CURRENT FILING DATE: 2001-08-23  
 ; PRIOR APPLICATION NUMBER: 09/651,361  
 ; PRIOR FILING DATE: 2000-08-30  
 ; PRIOR APPLICATION NUMBER: 60/151,688  
 ; PRIOR FILING DATE: 1999-08-31  
 ; NUMBER OF SEQ ID NOS: 72  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 53  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
 US-09-938-689-53

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
 Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7406 GCAACATCAGCAGCAGCA 7426  
 Db 21 GCAACACCGAGAGCAGCCCA 1

RESULT 2102  
 ; US-09-932-300-14  
 ; Sequence 14, Application US/09932300  
 ; Publication No. US20030032788A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GARTER, Eric  
 ; APPLICANT: TU, Guang-Chou  
 ; APPLICANT: ISRAEL, Yedy  
 ; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION  
 ; FILE REFERENCE: 9855-3U2  
 ; CURRENT APPLICATION NUMBER: US/09/932,300  
 ; CURRENT FILING DATE: 2001-08-20  
 ; PRIOR APPLICATION NUMBER: US 60/051,705  
 ; PRIOR FILING DATE: 1997-07-03  
 ; PRIOR APPLICATION NUMBER: US 09/109,663  
 ; PRIOR FILING DATE: 1998-07-02  
 ; NUMBER OF SEQ ID NOS: 111  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 14  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Candidate  
 ; OTHER INFORMATION: TNF(alpha) ASO  
 US-09-932-300-14

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
 Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 566 CTGGGAAGGAGAGATCGAA 586  
 ||| ||| ||| ||| ||| ||| |||

Db 1 CTGAGGAGGAGGAGGAAGA 21

RESULT 2103  
 ; US-09-998-027-181  
 ; Sequence 181, Application US/09998027  
 ; Publication No. US20030093819A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: D'Andrea et al.  
 ; TITLE OF INVENTION: Methods and Compositions for the  
 ; TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective  
 ; FILE REFERENCE: 2486/101  
 ; CURRENT APPLICATION NUMBER: US/09/998,027  
 ; CURRENT FILING DATE: 2001-11-02  
 ; NUMBER OF SEQ ID NOS: 191  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 181  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: MG763  
 US-09-998-027-181

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
 Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2742 CGTCAGCTTCCAGCAGATAC 2762  
 Db 1 CATTGAGATTCCAGGACAC 21

RESULT 2104  
 ; US-09-967-726A-3  
 ; Sequence 3, Application US/09967726A  
 ; Publication No. US20030158130A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gleave, Martin  
 ; APPLICANT: Remie, Paul S.  
 ; APPLICANT: Miyake, Hideaki  
 ; APPLICANT: Nelson, Colleen  
 ; APPLICANT: Zelweger, Tobias  
 ; TITLE OF INVENTION: Chemo- and Radiation-Sensitization of Cancer by Antisense TRPM-2  
 ; FILE REFERENCE: UBC-P-022  
 ; CURRENT APPLICATION NUMBER: US/09/967,726A  
 ; CURRENT FILING DATE: 2001-09-28  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 3  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: human  
 US-09-967-726A-3

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
 Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 674 TGGAGTCTGTGCAAGCCCTCG 694  
 Db 1 TGGAGTCTTGGACGCGCTCG 21

RESULT 2105  
 ; US-09-973-403-10  
 ; Sequence 10, Application US/09973403  
 ; Publication No. US20030207346A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ARATHOON, W. R.  
 ; APPLICANT: CARTER, P.J.  
 ; APPLICANT: MERCHANT, A.M.  
 ; APPLICANT: PRESTA, L.G.

```

; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Mutant
US-09-373-403-10

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      165 GCGCGCTGACCTCCGACGCGG 205
Db      1 GCGGTGAGCTCAGACGCGG 21

RESULT 2106
US-10-416-090-19/c
; Sequence 19, Application US/10416090
; Publication No. US2004007111A1
; GENERAL INFORMATION:
; APPLICANT: Bicknell, Roy
; APPLICANT: Huminski, Lukasz
; TITLE OF INVENTION: IMAGING, DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 12795-0150S1
; CURRENT APPLICATION NUMBER: US/10/416,090
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: PCT/US01/04906
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/245,566
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/273,662
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-416-090-19

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      6568 TTTTGACCTGGATCATGTG 6588
Db      21 TTTTACCTGGAGACATTG 1

RESULT 2107
US-10-467-721-39/c
; Sequence 39, Application US/10467721
; Publication No. US2004005836A1
; GENERAL INFORMATION:
; APPLICANT: JAPAN SCIENCE AND TECHNOLOGY CORPORATION
; TITLE OF INVENTION: Bmi12, novel clock genes
; FILE REFERENCE: A011-15PCT
; CURRENT APPLICATION NUMBER: US/10/467,721
; PRIOR FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: JP 2001/35743
```

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; PRIOR FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 39
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CB1R1600-primer
US-10-467-721-39

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4996 CCAGCTGAAGAACAGATGGA 5016
Db      21 CCAGCTGAAGAAATGCTGGA 1

RESULT 2108
US-09-825-886-6/c
; Sequence 6, Application US/09825886
; Publication No. US20020076693A1
; GENERAL INFORMATION:
; APPLICANT: Hovanessian, Ara
; APPLICANT: Callebaut, Christian
; APPLICANT: Krust, Bernard
; APPLICANT: Jacotot, Etienne
; APPLICANT: Muller, Sylviane
; APPLICANT: Briand, Jean-Paul
; APPLICANT: Guichard, Giles
; TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
; FILE REFERENCE: 03495-0166-01000
; CURRENT APPLICATION NUMBER: US/09/825,886
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/393,302
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: PCT/EP98/01409
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/040,969
; PRIOR FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-825-886-6

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      60 CGAGGCTGCGGCGGCGGCGG 80
Db      21 CAGAGCTGCCGCGCGCGCGG 1

RESULT 2109
US-10-156-995-155
; Sequence 155, Application US/10156995
; Publication No. US20030211486A1
; GENERAL INFORMATION:
; APPLICANT: DNA Print Genomics, Inc.
; APPLICANT: FRUDAKIS, Tony N.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING POLYMORPHISMS ASSOCIATED W
; FILE REFERENCE: DNA1140-7
```

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; CURRENT APPLICATION NUMBER: US/10/156,995
; CURRENT FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 60/346,303
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US 60/334,674
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/344,418
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 60/322,662
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/310,781
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 60/300,187
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/293,560
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 155
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
; US-156-995-155

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1851 GGTGAGACGCTGCTCAAGAC 1871
Db      1 GATGAGAGCGCTGCTGAAGAC 21

RESULT 2110
US-10-325-810-507
; Sequence 507, Application US/10325810
; Publication No. US20030204069A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
;           Lingner, Joachim
;           Nakamura, Toru
;           Chapman, Karen B.
;           Morin, Gregg B.
;           Hatley, Calvin B.
;           Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/325,810
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181
; FILING DATE: 29-Sep-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
```

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; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-00262005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 507:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphothioate"
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..21
; OTHER INFORMATION: /note="260-280 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 507:
US-10-325-810-507
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Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4735 GGCCAGCTGGAGAGAGAGG 4755
Db      1 GGACACTGGCGAGAGAGG 21
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RESULT 2111
US-10-252-155-556/C
; Sequence 556, Application US/10252155
; Publication No. US20040068096A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT
; FILE REFERENCE: D0152 NP
; CURRENT APPLICATION NUMBER: US/10/252,155
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US 60/324,172
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 60/333,700
; PRIOR FILING DATE: 2001-11-27
; NUMBER OF SEQ ID NOS: 783
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 556
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-252-155-556
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```

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6954 AAAGGAGGGGAGAGATGAG 6974
      || ||||| ||||| ||
```

Db 21 AAGGGAGGAGAAGAAG 1

RESULT 2112  
US-10-252-155-557/c  
; Sequence 557, Application US/10252155  
; Publication No. US20040068096A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT  
; FILE REFERENCE: D0152 NP  
; CURRENT APPLICATION NUMBER: US/10/252,155  
; PRIOR FILING DATE: 2002-09-20  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: US 60/324,172  
; PRIOR FILING DATE: 2001-11-27  
; NUMBER OF SEQ ID NOS: 783  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 557  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-252-155-557

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6954 AAGGGAGGAGAAGAAG 6974

Db 21 AAGGGAGGAGAAGAAG 1

RESULT 2113  
US-10-252-155-594  
; Sequence 594, Application US/10252155  
; Publication No. US20040068096A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS IN ORGANIC ANION TRANSPORT  
; FILE REFERENCE: D0152 NP  
; CURRENT APPLICATION NUMBER: US/10/252,155  
; PRIOR FILING DATE: 2002-09-20  
; PRIOR FILING DATE: 2001-09-21  
; PRIOR APPLICATION NUMBER: US 60/324,172  
; PRIOR FILING DATE: 2001-11-27  
; NUMBER OF SEQ ID NOS: 783  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 594  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-252-155-594

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2592 CTCGTCTCTATCCAGACC 2612

Db 1 CTCGTCTCTATCCAGACC 21

RESULT 2114  
US-10-085-906-446/c  
; Sequence 446, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Yimg, Vincent

; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; PRIOR FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 446  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-446

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4460 GCACCTTTTCTTTTCTTTT 4480

Db 21 GCATTCCTTATTTTCTTTT 1

RESULT 2115  
US-10-085-906-543/c  
; Sequence 543, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wu, Paul  
; APPLICANT: Yimg, Vincent  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; PRIOR FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 543  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-543

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4581 TTTTCTTCTGACTGTTCAATT 4601

Db 21 TTTTCTTCTGACTGTTCAATT 1

RESULT 2116  
US-10-143-437-10  
; Sequence 10, Application US/10143437  
; Publication No. US20030078385A1  
; GENERAL INFORMATION:  
; APPLICANT: ARATHOON, R.  
; APPLICANT: CARTER, P.J.

```

;
; MERCHANT, A.M.
; PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
;
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/143.437
; FILING DATE: 10-May-2002
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/863.693
; FILING DATE: 23-May-2001
; APPLICATION NUMBER: 09/070.166
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.
; REGISTRATION NUMBER: 36,487
; REFERENCE/DOCKET NUMBER: P1099R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-2066
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 10:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
;
US-10-143-437-10
;
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred.No.1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 185 GCCGCTGACTCCGCGCGG 205
Db 1 GCCGCTGAGCTCAGCAGCGG 21
;
;
RESULT 2117
US-10-184-722-9/c
; Sequence 9, Application US/10184722
; Publication No. US20030092618A1
; GENERAL INFORMATION:
; APPLICANT: HINUMA, SHUJI
; APPLICANT: TATEMOTO, KAZUHIKO
; APPLICANT: HOSOTYA, MASAKI
; APPLICANT: HABATA, YUGO
; APPLICANT: FUJII, RYO
; APPLICANT: KITADA, CHIEKO
; TITLE OF INVENTION: POLYPEPTIDES, THEIR PRODUCTION AND USE
; FILE REFERENCE: 48970(342)
; CURRENT APPLICATION NUMBER: US/10/184.722
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US/09/255.518
; PRIOR FILING DATE: 1999-02-22
; PRIOR APPLICATION NUMBER: PCT/JP98/05805
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 9-353955
; PRIOR FILING DATE: 1997-12-24
; PRIOR APPLICATION NUMBER: 10-032577
;
;

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;
; PRIOR FILING DATE: 1998-02-16
; PRIOR APPLICATION NUMBER: 10-220853
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 10-271645
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
;
US-10-184-722-9
;
Query Match 0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred.No.1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 3866 TTCTCTCTACTCCGCGCCCG 3886
Db 21 TTCTCTCTGCTCTCCGCGCAG 1
;
;
RESULT 2118
US-10-044-692-274
; Sequence 274, Application US/10044692
; Publication No. US20030096344A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:
; THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044.692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912.951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854.050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851.843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846.017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844.419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724.643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
;
;

```

TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 274:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "phosphorothioate"  
SEQUENCE DESCRIPTION: SEQ ID NO: 274:  
US-10-044-692-274

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4735 GGCACGCTGGAGAGAGAGG 4755  
Db 1 GGACACCTGGCGAGAGAGG 21

RESULT 2119  
US-10-044-539-274  
Sequence 274, Application US/10044539  
Publication No. US2003010093A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,539  
FILING DATE: 11-Jan-2002  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 274:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "phosphorothioate"  
SEQUENCE DESCRIPTION: SEQ ID NO: 274:  
US-10-044-539-274

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4735 GGCACGCTGGAGAGAGAGG 4755  
Db 1 GGACACCTGGCGAGAGAGG 21

RESULT 2120  
US-10-005-956-350/c  
Sequence 350, Application US/10005956  
Publication No. US20030113726A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
FILE REFERENCE: D0053NP  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
CURRENT APPLICATION NUMBER: US/10/005,956  
CURRENT FILING DATE: 2001-12-03  
PRIOR APPLICATION NUMBER: 60/251,015  
PRIOR FILING DATE: 2000-12-04  
PRIOR APPLICATION NUMBER: 60/263,678  
PRIOR FILING DATE: 2001-01-23  
PRIOR APPLICATION NUMBER: 60/273,037  
PRIOR FILING DATE: 2001-03-02  
NUMBER OF SEQ ID NOS: 1579  
SOFTWARE: PatentIn version 3.0  
ORGANISM: homo sapiens  
US-10-005-956-350

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2395 ATCCACGCTGGACACAGTG 2415  
Db 21 ATACCACTGGGTGAACAGTG 1

RESULT 2121  
US-10-005-956-361  
Sequence 361, Application US/10005956  
Publication No. US20030113726A1  
GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: D0053NP  
CURRENT APPLICATION NUMBER: US/10/005,956  
CURRENT FILING DATE: 2001-12-03  
PRIOR APPLICATION NUMBER: 60/251,015  
PRIOR FILING DATE: 2000-12-04  
PRIOR APPLICATION NUMBER: 60/263,678  
PRIOR FILING DATE: 2001-01-23  
PRIOR APPLICATION NUMBER: 60/273,037  
PRIOR FILING DATE: 2001-03-02  
NUMBER OF SEQ ID NOS: 1579  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 361  
LENGTH: 21

TYPE: DNA  
ORGANISM: homo sapiens  
US-10-005-956-361

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5317 TCTCTCTTTCTCTCTTGC 5337  
Db 1 TCTCTACTTCCCTCCCTTTC 21

RESULT 2122  
US-10-242-822B-30/C  
Sequence 30, Application US/10242822B  
Publication No. US20030113799A1  
GENERAL INFORMATION:  
APPLICANT: Pleschik, Alexander  
APPLICANT: Sliomski, Andrzej  
TITLE OF INVENTION: Variants of Corticotropin Releasing Hormone  
TITLE OF INVENTION: Receptor Type 1 and Uses Thereof  
FILE REFERENCE: D6420  
CURRENT APPLICATION NUMBER: US/10/242, 822B  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: US 60/322,195  
PRIOR FILING DATE: 2001-09-14  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 30  
LENGTH: 21  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURE:  
OTHER INFORMATION: reverse primer P163  
US-10-242-822B-30

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 823 GTGGCCCTGCCATGTGAG 843  
Db 21 GTCCGCTCTGCCATCCGAG 1

RESULT 2123  
US-10-184-085A-365/C  
Sequence 365, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184, 085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 365  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-365

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2876 GGGAGTGGGGTAGGAGAG 2896

Db 21 GGGTGTGGGGATGATGAG 1

RESULT 2124  
US-10-184-085A-677  
Sequence 677, Application US/10184085A  
Publication No. US20030152950A1  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Minna, John D.  
APPLICANT: Luebke, Kevin, J.  
APPLICANT: Balog, Robert P.  
TITLE OF INVENTION: Identification of Chemically Modified Polymers  
FILE REFERENCE: 119929-1035  
CURRENT APPLICATION NUMBER: US/10/184, 085A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: US 60/301,370  
PRIOR FILING DATE: 2001-06-27  
NUMBER OF SEQ ID NOS: 1291  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 677  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-184-085A-677

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3874 ACCCTCCGCCGCCGAGTC 3894  
Db 1 ATCTCCACCCCGCTAGCTC 21

RESULT 2125  
US-10-340-097-96/C  
Sequence 96, Application US/10340097  
Publication No. US20030162276A1  
GENERAL INFORMATION:  
APPLICANT: Rattner, Amir  
APPLICANT: Sun, Hui  
APPLICANT: Lupski, James R.  
APPLICANT: Nathans, Jeremy  
APPLICANT: Anderson, Kent L.  
APPLICANT: Leppert, Mark  
APPLICANT: Dean, Michael  
APPLICANT: Singh, Nanda  
APPLICANT: Shroyer, No. US20030162276A1h F.  
APPLICANT: Smallwood, Philip M.  
APPLICANT: Allikmets, Rando  
APPLICANT: Lewis, Richard A.  
APPLICANT: Li, Yixin  
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette  
TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-  
TITLE OF INVENTION: Transporter  
FILE REFERENCE: BYLR0065  
CURRENT APPLICATION NUMBER: US/10/340, 097  
CURRENT FILING DATE: 2003-01-10  
PRIOR APPLICATION NUMBER: US/09/032, 438A  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/039,388  
PRIOR FILING DATE: 1997-02-27  
NUMBER OF SEQ ID NOS: 120  
SOFTWARE: PatentIn Version 3.1  
SEQ ID NO 96  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer  
US-10-340-097-96

```
Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3228 GAGGAGAGGATTTTGTAGAG 3248
DB      21 GAGCAAGAGATGTTTAGAG 1

RESULT 2126
US-10-340-097-103
; Sequence 103, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Ractner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupaki, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276A1 F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
; FILE REFERENCE: BYR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-103

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5907 ACCTGTTCCCAAGCCAGAG 5927
DB      1 ACCTCTTCCCAACCCAGAG 21

RESULT 2127
US-10-253-967-22/c
; Sequence 22, Application US/10253967
; Publication No. US20030165925A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: DIAGNOSTIC PROBE DETECTION SYSTEM
; FILE REFERENCE: 27978/37504A
; CURRENT APPLICATION NUMBER: US/10/253,967
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: US 60/324,421
; PRIOR FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22
; LENGTH: 21
```

```
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE: 'misc. feature'
NAME/KEY: 'misc. feature'
OTHER INFORMATION: Allele A*0101
US-10-253-967-22

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2740 GCCGTGACAGTTCACAGAT 2760
DB      21 GCCGCGCAGGTCGCCAGATT 1

RESULT 2128
US-10-253-967-25/c
; Sequence 25, Application US/10253967
; Publication No. US20030165925A1
; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: DIAGNOSTIC PROBE DETECTION SYSTEM
; FILE REFERENCE: 27978/37504A
; CURRENT APPLICATION NUMBER: US/10/253,967
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: US 60/324,421
; PRIOR FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: 'misc. feature'
; OTHER INFORMATION: Allele B*1401, B*1521, B*3901
US-10-253-967-25

Query Match      0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2740 GCCGTGACAGTTCACAGAT 2760
DB      21 GCCGCGCAGGTCGCCAGACT 1

RESULT 2129
US-10-080-794-3
; Sequence 3, Application US/10080794
; Publication No. US20030166591A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rennie, Paul S.
; APPLICANT: Miyake, Hideaki
; APPLICANT: Nelson, Colleen
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: TRPM-2 ANTISENSE THERAPY USING AN OLIGONUCLEOTIDE
; TITLE OF INVENTION: HAVING 2'-O-(2-METHOXY)ETHYL MODIFICATIONS
; FILE REFERENCE: URG-P-020-3
; CURRENT APPLICATION NUMBER: US/10/080,794
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/121,726
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 09/913,325
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/944,326
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
```

```
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: antisense TRPM-2 ODN
US-10-080-794-3
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      674 TGGAGCTGTGCAAGCCCTCG 694
Db       1 TGGAGCTGTGCAAGCCCTCG 21
```

```
RESULT 2130
US-10-336-215-96/c
; Sequence 96, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; PRIORITY FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-215-96
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3228 GAGGGAAGATTGTTAGAG 3248
Db       21 GAGCAAGAGATGTTAGAG 1
```

```
RESULT 2131
US-10-336-215-103
; Sequence 103, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
```

```
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-215-103
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5907 ACCTGTTCCCAAGCCACAG 5927
Db       1 ACCTGTTCCCAAGCCACAG 21
```

```
RESULT 2132
US-10-336-219-96/c
; Sequence 96, Application US/10336219
; Publication No. US20030170853A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Allikments, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170853A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
; TITLE OF INVENTION: ATP-Binding Cassette Transporter
; FILE REFERENCE: BYLR0072
; CURRENT APPLICATION NUMBER: US/10/336,219
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 96
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-96
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
```

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3228 GAGGAGAGATTTTACGAG 3248

Db 21 GAGCAAGAGATGTTTAGAG 1

RESULT 2133

US-10-336-219-103

Sequence 103, Application US/10336219

Publication No. US20030170853A1

GENERAL INFORMATION:

APPLICANT: Allkmeets, Rando

APPLICANT: Anderson, Kent L.

APPLICANT: Leppert, Mark

APPLICANT: Lewis, Richard A.

APPLICANT: Li, Yixin

APPLICANT: Lupeki, James R.

APPLICANT: Mathans, Jeremy

APPLICANT: Ratner, Amir

APPLICANT: Shroyer, No. US20030170853A1h F.

APPLICANT: Smallwood, Phillip

APPLICANT: Sun, Hui

TITLE OF INVENTION: Method Of Gene Therapy Using Nucleic Acid Sequences For

FILE REFERENCE: BYLN0072

CURRENT FILING DATE: 2003-01-03

PRIOR APPLICATION NUMBER: 60/039,388

PRIOR FILING DATE: 1997-02-27

PRIOR APPLICATION NUMBER: 09/032,438

PRIOR FILING DATE: 1998-02-27

NUMBER OF SEQ ID NOS: 120

SOFTWARE: Patent version 3.2

SEQ ID NO 103

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer

US-10-336-219-103

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5907 ACCTGTTCCCAAGCCAGAG 5927

Db 1 ACCTCTTCCCAACCCAGAG 21

RESULT 2134

US-10-165-099-181

Sequence 181, Application US/10165099

Publication No. US20030188326A1

GENERAL INFORMATION:

APPLICANT: D'Andrea, Alan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY

FILE REFERENCE: 7032/2055

CURRENT FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 09/998,027

PRIOR FILING DATE: 2001-11-02

PRIOR APPLICATION NUMBER: US 60/245,756

PRIOR FILING DATE: 2000-11-03

NUMBER OF SEQ ID NOS: 352

SOFTWARE: Patent version 3.1

SEQ ID NO 181

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-165-099-181

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2742 CGTGAGGTTCCACGAGATAC 2762

Db 1 CATTCAGATTCCACGAGAC 21

RESULT 2135

US-10-108-260A-4958/c

Sequence 4958, Application US/10108260A

Publication No. US20040005560A1

GENERAL INFORMATION:

APPLICANT: HELIX RESEARCH INSTITUTE

TITLE OF INVENTION: No. US20040005560A1el full length cDNA

FILE REFERENCE: H1-A0106

CURRENT FILING DATE: 2002-03-27

NUMBER OF SEQ ID NOS: 5458

SOFTWARE: Patent Ver. 2.1

SEQ ID NO 4958

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

US-10-108-260A-4958

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5243 CAGTCATTCCACGAGATTGC 5263

Db 21 CTGTCATTACCTGTATTGC 1

RESULT 2136

US-10-349-143-6532/c

Sequence 6532, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Ballelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/10/349,143

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 6532

LENGTH: 21

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: primer\_bind

LOCATION: 1..21

OTHER INFORMATION: upstream amplification primer 99-12130 for SEQ 2598,

US-10-349-143-6532

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 6177 GAAAAAGAGTGTAGAGAG 6197  
DB 21 GAATTAAGAGGATGAGAAAG 1

RESULT 2137  
US-10-349-143-8263/c

; Sequence 8263, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 8263  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..21  
; OTHER INFORMATION: downstream amplification primer 99-14652 for SEQ 398, in compleme

US-10-349-143-8263

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4138 GAACGTGTACCTGATTGTT 4158  
DB 21 GAACGTGTGACAAAGATGTGT 1

RESULT 2138  
US-10-349-143-10094

; Sequence 10094, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 10094  
; LENGTH: 21

; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..21  
; OTHER INFORMATION: downstream amplification primer 99-9446 for SEQ 2229, in compleme

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3280 GAAGAAAATGAACCAACGACC 3300  
DB 1 GAAGAAAACAGAAACCAATCC 21

RESULT 2139  
US-10-349-143-10129

; Sequence 10129, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 10129  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..21  
; OTHER INFORMATION: downstream amplification primer 99-10028 for SEQ 2264, in compleme

US-10-349-143-10129

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 6237 CTGTTCTTGATGTTATCC 6257  
DB 1 CTGCTTTGATTGTGCTTC 21

RESULT 2140  
US-10-349-143-10387

; Sequence 10387, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10387
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11566 for SEQ 2522, in compleme
US-10-349-143-10387

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2388 TGGTACATCCGCTGGAGC 2408
DB      1 TGGTACATACACCTGGAGC 21

RESULT 2141
US-10-349-143-11222/c
; Sequence 11222, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11222
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3478 for SEQ 3357, in compleme
US-10-349-143-11222

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3851 CTCCTTTCTCCTTATTCCTC 3871
DB      21 CTCGATGCTCTCATTTTCTC 1

RESULT 2142
US-10-115-479-130/c
; Sequence 130, Application US/10115479
; Publication No. US20040006205A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.

; APPLICANT: Splyek, Kimberly A.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Zhong, Haihong
; APPLICANT: Smithson, Glenda
; APPLICANT: Casman, Stracie J.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Voss, Edward
; APPLICANT: Vermet, Corine
; APPLICANT: MacDougall, John A.
; APPLICANT: Rastelli, Luca
; APPLICANT: Anderson, David W.
; APPLICANT: Zhong, Mei
; APPLICANT: Mezes, Peter S.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Patursztajn, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Malvanker, Uriel M.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Mazur, Ann
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-322 B (Cura 622 PT)
; CURRENT APPLICATION NUMBER: US/10/115,479
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,657
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,678
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,687
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-479-130

Query Match          0.2%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.5e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2859 AGAGAGCAGCAGGAGGAGGA 2879
DB      21 AAAGACAGCAAGAGAGACTGA 1

RESULT 2143
US-10-380-584-123
; Sequence 123, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Utermohlen, Joseph
; APPLICANT: Connaughton, John
```

```

: TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Probes
:
: TITLE OF INVENTION: Proteins for In Situ Analysis
:
: FILE REFERENCE: 355/001/PCT
:
: CURRENT APPLICATION NUMBER: US/10/380,584
:
: CURRENT FILING DATE: 2003-03-14
:
: PRIOR APPLICATION NUMBER: 60/233,177
:
: PRIOR FILING DATE: 2000-09-15
:
: NUMBER OF SEQ ID NOS: 126
:
: SOFTWARE: PatentIn version 3.1
:
: SEQ ID NO 123
:
: LENGTH: 21
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
:
: FEATURE:
:
: OTHER INFORMATION: oligonucleotide probe
:
: US-10-380-584-123

```

	Query Match	0.2%	Score 14.6;	DB 1;	Length 21;
	Best Local Similarity	81.0%;	Pred. NO.1.5e+03;		
Matches	17;	Conservative	0;	Mismatches	4; Indels 0; Gaps 0.
Oy	CTTTTCTTTTTTTTTTTTTTTT	4463			
Db	1 CTAATTCACATATTCATT	21			

```

RESULT 2144
US-10-294-228-57
: Sequence 57, Application US/10294228
: Publication NO. US20040018176A1
: GENERAL INFORMATION:
: APPLICANT: Tolentino, Michael J.
: APPLICANT: Reich, Samuel jochan
: TITLE OF INVENTION: Compositions and Methods for siRNA
: TITLE OF INVENTION: Inhibition of Angiogenesis
: FILE REFERENCE: 43826-1
: CURRENT APPLICATION NUMBER: US/10/294,228
: CURRENT FILING DATE: 2002-11-14
: PRIOR APPLICATION NUMBER: US 60/398,417
: PRIOR FILING DATE: 2002-07-24
: NUMBER OF SEQ ID NOS: 80
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 57
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Targeting Sequence
US-10-294-228-57

```

Query Match	0.2%	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Score No. 1.5e+03		
Matches 17	Conservative 0	Mismatches 4	Indels 0	Gaps 0
OY	5412	AAAGAAATTAAGCAAGCAAA	5432	
DB	1	AAAGAAAGATAGCAAGCAAA	21	

RESULT 2145  
 US-10-256-828-6  
 : Sequence 6, Application US/10258828  
 : Publication No. US2004002332A1  
 : GENERAL INFORMATION:  
 : APPLICANT: PARK, Jong Wook  
 : APPLICANT: iCG Co., Ltd.  
 : TITLE OF INVENTION: Development of Multi-WAGE or -GAGE Isolates Recognizing Primer  
 : TITLE OF INVENTION: For Cancer Detection  
 : FILE REFERENCE: 01PP021  
 : CURRENT APPLICATION NUMBER: US/10/256,828  
 : CURRENT FILING DATE: 2002-10-25  
 : NUMBER OF SEQ ID NOS: 10  
 : SOFTWARE: Kopatentlin 1.71

```

? SEQ ID NO 6
? LENGTH: 21
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: primer targeting MAGE 1-6; antisense primer type
? IS-10-258-828-6

```

Query Match	0.2%	Score 14.6;	DB 1;	length 21;
Best Local Similarity	81.0%	Pred. No. 1.5e+03;		
Matches 17; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

Oy 5803 CCTGCCCTGCTCGCCCTATGTGA 58223  
 1 CCAGCATTTCTGCTTTGTGA 21  
 Db

```

RESULT 2146
US-10-646-391A-3
Sequence 3, Application US/10646391A
Publication No. US20040082534A1
GENERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Jensen, Burkhard
TITLE OF INVENTION: Treatment of Melanoma by Reduction in Clusterin Levels
FILE REFERENCE: USC P-035
CURRENT APPLICATION NUMBER: US/10/646,391A
CURRENT FILING DATE: 2003-08-21
PRIOR APPLICATION NUMBER: US 60/405,193
PRIOR FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: US 60/319,748
PRIOR FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: US 60/408,152
PRIOR FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: US 60/473,387
PRIOR FILING DATE: 2003-05-20
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: human
US-10-646-391A-3

```

Query Match	0.2%	Score 14.6	DB 1	Length 21
Best Local Similarity	81.0%	Pred. No. 1.5e+03		
Matches 17; Conservative	0	Mismatches 4	Indels 0	Gaps 0

QY		674	TGGAGTCTGTGCAAGCCCTGG	694
Db		1	TGGAGTCTTTGCACGCCCTCGG	21

```

RESULT 2147
US-10-648-593-315/C
; Sequence 315, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OR INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 315
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

```



Db 1 TTAGCCTTCCGAGCCCTGACA 21

RESULT 2152  
US-10-699-557-195  
Sequence 195, Application US/10699557  
Publication No. US20040180357A1  
GENERAL INFORMATION:  
APPLICANT: Samuel Joachim Reich  
APPLICANT: Enrico Maria Surace  
APPLICANT: Michael J. Tolentino  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR siRNA  
TITLE OF INVENTION: INHIBITION OF HIF-1 ALPHA  
FILE REFERENCE: 43826-0002U51  
CURRENT APPLICATION NUMBER: US/10/699,557  
CURRENT FILING DATE: 2003-10-31  
PRIOR APPLICATION NUMBER: US 60/423,262  
PRIOR FILING DATE: 2002-11-01  
NUMBER OF SEQ ID NOS: 299  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 195  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: target sequence  
US-10-699-557-195

Query Match 0.2%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 1.5e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 5906 AACCTGTTCCTCCAGCCCTGACA 5926  
Db 1 AAGCAGTTCGCGAGCCCTGTA 21

RESULT 2153  
US-09-784-423-95/C  
Sequence 95, Application US/09784423  
Patent No. US20020012924A1  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
APPLICANT: Bacher, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026,9180  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 95  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 95  
US-09-784-423-95

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2861 AGAAGCAGAGGAGGAGG 2881  
Db 22 AGAAGCAGAGGAGGAGG 2

RESULT 2154  
US-09-809-342A-6  
Sequence 6, Application US/09809342A  
Patent No. US20020037567A1  
GENERAL INFORMATION:  
APPLICANT: Kivirikko, Kari  
APPLICANT: Myllyharju, Johana  
APPLICANT: Kulkola, Liisa  
APPLICANT: Hieta, Reija  
TITLE OF INVENTION: ALPHA(III) SUBUNIT OF PROLYL 4-HYDROXYLASE  
FILE REFERENCE: 3930-0222  
CURRENT APPLICATION NUMBER: US/09/809,342A  
CURRENT FILING DATE: 2001-06-01  
PRIOR APPLICATION NUMBER: 60/189,373  
PRIOR FILING DATE: 2000-03-15  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-809-342A-6

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 6437 TTAGCTAAGCAGACTGTTT 6457  
Db 2 TTAGAATGCGACACTGTTT 22

RESULT 2155  
US-09-789-697A-9  
Sequence 9, Application US/09789697A  
Patent No. US20020064521A1  
GENERAL INFORMATION:  
APPLICANT: Ellenborn, Joshua D.I.  
APPLICANT: Diamond, Don J.  
TITLE OF INVENTION: p53-Specific T Cell Receptor for Adoptive Immunotherapy  
FILE REFERENCE: 1954-279-II  
CURRENT APPLICATION NUMBER: US/09/789,697A  
CURRENT FILING DATE: 2001-08-17  
PRIOR APPLICATION NUMBER: US 60/183,752  
PRIOR FILING DATE: 2000-02-22  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 9  
LENGTH: 22  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-789-697A-9

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4196 CCCAAGATGGGCTCCAGGCTC 4216  
DB 2 CTTAGATGGGCTCCAGACTC 22

RESULT 2156  
US-09-068-817-5  
Sequence 5, Application US/09068817  
Patent No. US20020081733A1  
GENERAL INFORMATION:  
APPLICANT: Verfaillie, C.M.  
APPLICANT: Mcivor, R.S.

TITLE OF INVENTION: Method to prepare drug-resistant, non-malignant hematopoietic cell  
FILE REFERENCE: 600.347US2  
CURRENT APPLICATION NUMBER: US/09/068,817  
CURRENT FILING DATE: 1998-05-14  
PRIOR APPLICATION NUMBER: PCT/US96/18273  
PRIOR FILING DATE: 1996-11-13  
PRIOR APPLICATION NUMBER: US 60/006,692  
PRIOR FILING DATE: 1995-11-14  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-068-817-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCTGACGTAC 2559  
DB 2 GAGCTGCAGATCTGACCAAC 22

RESULT 2157  
US-09-969-373-3366  
Sequence 3366, Application US/09969373  
Patent No. US2002013852A1  
GENERAL INFORMATION:  
APPLICANT: Hauge, Brian M.  
APPLICANT: Effertz, Roger J.  
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
FILE REFERENCE: 38-10(52679)A  
CURRENT APPLICATION NUMBER: US/09/969,373  
CURRENT FILING DATE: 2001-10-02  
PRIOR APPLICATION NUMBER: US 09/754,853  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: US 09/760,427  
PRIOR FILING DATE: 2001-01-13  
PRIOR APPLICATION NUMBER: US 09/855,768  
PRIOR FILING DATE: 2001-05-15  
NUMBER OF SEQ ID NOS: 4593  
SEQ ID NO 3366  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Glycine max  
US-09-969-373-3366

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4294 AAGTGCATCTTTCTCTCC 4314  
DB 1 AAGTGCATCTTTACTTCTC 21

RESULT 2158  
US-09-995-912-3  
Sequence 3, Application US/09995912  
Patent No. US20020137076A1  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
TITLE OF INVENTION: RNA Polymers and Uses Thereof  
FILE REFERENCE: PRWG-06684  
CURRENT APPLICATION NUMBER: US/09/995,912  
CURRENT FILING DATE: 2001-11-28  
PRIOR APPLICATION NUMBER: 60/253,451  
PRIOR FILING DATE: 2000-11-28  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 3  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-995-912-3

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCTGACGTAC 2559  
DB 2 GAGCTGCAGATCTGACCAAC 22

RESULT 2159  
US-09-454-495-7  
Sequence 7, Application US/09454495  
Patent No. US20020147161A1  
GENERAL INFORMATION:  
APPLICANT: Reddy, Gurucharan  
APPLICANT: Zeng, Hong  
APPLICANT: Vallerga, Anne  
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51  
FILE REFERENCE: A-67649-1/RMS/DAV/JJD  
CURRENT APPLICATION NUMBER: US/09/454,495  
CURRENT FILING DATE: 1999-12-06  
PRIOR APPLICATION NUMBER: 60/119,578  
PRIOR FILING DATE: 1999-02-10  
NUMBER OF SEQ ID NOS: 10  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.  
US-09-454-495-7

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3477 CCTAGTAACTACTTAAGGCAC 3497  
DB 1 CCCAAGTCACTTCTTAAGGCAC 21

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RESULT 2160
US-09-780-668A-31
; Sequence 31, Application US/09780668A
; Patent No. US2002014731A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Burger, Christi
; APPLICANT: Lo, Kin-Wing
; TITLE OF INVENTION: Enhancing the Circulating Half-Life of Antibody-Based Fusion
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: LEX-011
; CURRENT APPLICATION NUMBER: US/09/780,668A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,768
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' oligonucleotide with a Pro to Leu substitution
US-09-780-668A-31

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6998 GGGAAAGGAGATTTCCTCT 7018
Db      2 GGGACAGGAGAGGCTCTTCT 22

RESULT 2161
US-09-263-959-1074/c
; Sequence 1074, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1074:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
; TOPOLOGY: linear
US-09-263-959-1074

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5327 TCTCTCTTGGCTCAGCTCTCT 5347
Db      22 TCTATCTTTCTCTCCTCTCT 2

RESULT 2162
US-09-739-909-23
; Sequence 23, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrek, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP OF PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: amplification
; OTHER INFORMATION: primer
US-09-739-909-23

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2539 GAGCTCAGATCCTGACGTAC 2559
Db      2 GAGCTCAGATGCTGACCAAC 22

RESULT 2163
US-09-766-450-24
; Sequence 24, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; TITLE OF INVENTION: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 654685.r1
US-09-766-450-24
```

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7278 CAGCTGTACTGTTTGAT 7298  
Db 1 CAGCTGTACTGTTTGCTT 21

RESULT 2164  
US-09-995-898A-47  
; Sequence 47, Application US/0995898A  
; Publication No. US20030027253A1  
; GENERAL INFORMATION:  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Xu, Wenteng  
; APPLICANT: No. US20030027253A1aK, Julia E.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Grant, Francis J.  
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19  
; FILE REFERENCE: 00-108  
; CURRENT APPLICATION NUMBER: US/09/995,898A  
; CURRENT FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: US 60/253,561  
; PRIOR FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 60/267,211  
; PRIOR FILING DATE: 2001-02-07  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 47  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC38481  
US-09-995-898A-47

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3677 CCTCAGCCGAAAGCCACT 3697  
Db 1 CCTCCTTCAGAAATGCCACT 21

RESULT 2165  
US-09-938-689-41/C  
; Sequence 41, Application US/09938689  
; Publication No. US20030028911A1  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Manley  
; APPLICANT: Harding, Fiona  
; TITLE OF INVENTION: TRANSGENIC MAMMAL CAPABLE OF FACILITATING PRODUCTION OF  
; FILE REFERENCE: 9342-028  
; CURRENT APPLICATION NUMBER: US/09/938,689  
; CURRENT FILING DATE: 2001-08-23  
; PRIOR APPLICATION NUMBER: 09/651,361  
; PRIOR FILING DATE: 2000-08-30  
; PRIOR APPLICATION NUMBER: 60/151,688  
; PRIOR FILING DATE: 1999-08-31  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 41  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer  
US-09-938-689-41

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4803 CTGCCCTGTATGACCCGAT 4823  
Db 22 CTGCCCTGTATGACCTTGCT 2

RESULT 2166  
US-09-232-785-170  
; Sequence 170, Application US/09232785  
; Publication No. US20030049612A1  
; GENERAL INFORMATION:  
; APPLICANT: International Paper Co.  
; APPLICANT: Eche, Craig S.  
; APPLICANT: Nelson, C. Dana  
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES  
; FILE REFERENCE: 4481/1E18U51  
; CURRENT APPLICATION NUMBER: US/09/232,785  
; CURRENT FILING DATE: 1999-01-19  
; PRIOR APPLICATION NUMBER: 09/232,884  
; PRIOR FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 397  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 170  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Pinus taeda L.  
US-09-232-785-170

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7282 TGTACTGTTGATTTGTTGT 7302  
Db 1 TGTACTGTTGATGATGTTGT 21

RESULT 2167  
US-09-770-107-68  
; Sequence 68, Application US/09770107  
; Publication No. US2003005435A1  
; GENERAL INFORMATION:  
; APPLICANT: Millennium Pharmaceuticals, Inc.  
; APPLICANT: Meyer, Joanne  
; APPLICANT: Barrington-Martin, Rory  
; APPLICANT: Parker, Alexander  
; APPLICANT: Barnes, Glenn  
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of  
; FILE REFERENCE: 3332/0H401  
; CURRENT APPLICATION NUMBER: US/09/770,107  
; CURRENT FILING DATE: 2001-01-24  
; NUMBER OF SEQ ID NOS: 127  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 68  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-770-107-68

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1117 GTGAGTGCACAGTGGACAG 1137  
Db 1 GTGTAGTCTCAGTAGACAG 21

```
RESULT 2168
US-09-927-121B-47/c
; Sequence 47, Application US/09927121B
; Publication No. US20030082178A1
; GENERAL INFORMATION:
; APPLICANT: GOLD, DANIEL P.
; APPLICANT: SHOPEL, ROBERT J.
; TITLE OF INVENTION: METHOD AND COMPOSITION FOR ALTERING A B CELL MEDIATED
; FILE REFERENCE: 032077.0003
; CURRENT APPLICATION NUMBER: US/09/927,121B
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-927-121B-47
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      2824 CTTTCAAGCCCCGAGAGCTG 2844
Db      22  CATTGACAGCCCGAGAGCTG 2
```

```
RESULT 2169
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouroun, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      5328 CTCTCTTGGCTCACTCTCTC 5348
Db      1  CTCTCTCTCTCTCTCTCTC 21
```

```
RESULT 2170
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouroun, Yves
```

```
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 908
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      5328 CTCTCTTGGCTCACTCTCTC 5348
Db      1  CTCTCTCTCTCTCTCTCTC 21
```

```
RESULT 2171
US-09-923-327-145/c
; Sequence 145, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses The
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-145
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      7307 CTTTGAGATTGTGTGTGTGT 7327
Db      22  CTTTGAGATTGTGTGTGTGTGT 2
```

```
RESULT 2172
US-10-380-533-66/c
; Sequence 66, Application US/10380533
; Publication No. US20040072186A1
; GENERAL INFORMATION:
; APPLICANT: University College Cardiff Consultants Ltd
; TITLE OF INVENTION: Transglutaminase Gene Products
; FILE REFERENCE: P504074PCT
```

```

; CURRENT APPLICATION NUMBER: US/10/380,533
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: GB0111995.7
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: GB0022768.6
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 144
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-380-533-66

Query Match
Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3853 CCTTTCCTCTTCTCTCTCTCT 3873
Db 22 CCAATTCCCTTACTCTCTCT 2

RESULT 2173
US-10-114-270-297/c
; Sequence 297, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patlurajan, Meera
; APPLICANT: Liu, Zhaozhong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Gangoli, Beha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liote, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
```

```

; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 297
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
; US-10-114-270-297

Query Match
Best Local Similarity 0.2%; Score 14.6; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5698 TTTGCTTCTCTTCTCTCTT 5718
Db 22 TTGCTTCTCTCTCTCTCTT 2

RESULT 2174
US-10-210-281-184/c
; Sequence 184, Application US/10210281
; Publication No. US20040030096A1
; GENERAL INFORMATION:
; APPLICANT: Gorman, Linda
; APPLICANT: Zernusen, Bryan D.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Zhong, Wei
; APPLICANT: Patlurajan, Meera
; APPLICANT: Miller, Charles E.
; APPLICANT: Ji, Weizhen
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Sciore, Paul
; APPLICANT: Stone, David J.
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Casman, Stacie
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc I.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
; FILE REFERENCE: 21402-416D
; CURRENT APPLICATION NUMBER: US/10/210,281
; CURRENT FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/361,775
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/361,832
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,203
; PRIOR FILING DATE: 2001-08-14
```

PRIOR APPLICATION NUMBER: 60/313,201  
PRIOR FILING DATE: 2001-08-17  
PRIOR APPLICATION NUMBER: 60/313,702  
PRIOR FILING DATE: 2001-08-20  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 191  
SOFTWARE: CuroSeqList version 0.1  
SEQ ID NO 184  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-210-281-184

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5030 AGCAGCTCACTGAGAGCCT 5050  
Db 22 AGACGCTTACTGAGAGCCT 2

RESULT 2175  
US-10-403-676-155  
Sequence 155, Application US/10403676  
Publication No. US20040029150A1  
GENERAL INFORMATION:  
APPLICANT: Alsobrook II, John  
APPLICANT: Anderson, David W.  
APPLICANT: Boldog, Ferenc L.  
APPLICANT: Burgess, Catherine E.  
APPLICANT: Casman, Stacie J.  
APPLICANT: Edinger, Shlomit R.  
APPLICANT: Gerlach, Valerie L.  
APPLICANT: Grose, William M.  
APPLICANT: Guo, Xiaojia  
APPLICANT: Gusev, Vladimir Y.  
APPLICANT: Ji, Weizhen  
APPLICANT: Lachochelle, William J.  
APPLICANT: Lepley, Denise W.  
APPLICANT: Liu, Xiaohong  
APPLICANT: Macdougall, John R.  
APPLICANT: Malyskar, Uriel M.  
APPLICANT: Miller, Isabelle  
APPLICANT: Padigar, Muralidhara  
APPLICANT: Peyman, John A.  
APPLICANT: Raastelli, Luca  
APPLICANT: Reiger, Daniel  
APPLICANT: Rothenberg, Mark E.  
APPLICANT: Shimkets, Richard A.  
APPLICANT: Stone, David J.  
APPLICANT: Taupier, Raymond J.  
APPLICANT: Vernet, Corine  
APPLICANT: Zerkusen, Bryan D.  
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
FILE REFERENCE: 21402-573B  
CURRENT FILING DATE: 2003-03-31  
PRIOR APPLICATION NUMBER: US/10/403,676  
PRIOR FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: 60/123,667  
PRIOR FILING DATE: 1999-03-09  
PRIOR APPLICATION NUMBER: 09/520,781  
PRIOR FILING DATE: 2000-03-08  
PRIOR APPLICATION NUMBER: 09/957,187  
PRIOR FILING DATE: 2001-09-19  
PRIOR APPLICATION NUMBER: 60/371,002  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/127,352  
PRIOR FILING DATE: 1999-04-01  
PRIOR APPLICATION NUMBER: 09/538,092

PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: 09/604,286  
PRIOR FILING DATE: 2000-06-22  
PRIOR APPLICATION NUMBER: 60/140,584  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: 60/370,381  
PRIOR FILING DATE: 2002-04-05  
PRIOR APPLICATION NUMBER: 60/384,297  
PRIOR FILING DATE: 2002-05-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 179  
SOFTWARE: CuroSeqList version 0.1  
SEQ ID NO 155  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-403-676-155

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4299 CATCTTTTCCTTCCCTGGA 4319  
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2176  
US-10-420-034A-47  
Sequence 47, Application US/10420034A  
Publication No. US20040029228A1  
GENERAL INFORMATION:  
APPLICANT: Preenell, Scott R.  
APPLICANT: Xu, Wenteng  
APPLICANT: No. US20040029228A1ak, Julia E.  
APPLICANT: Whitmore, Theodore E.  
APPLICANT: Grant, Francis J.  
APPLICANT: Kindvogel, Wayne R.  
APPLICANT: Klucher, Kevin M.  
TITLE OF INVENTION: CYTOKINE RECEPTOR  
FILE REFERENCE: 02-10  
CURRENT FILING DATE: 2003-04-18  
PRIOR APPLICATION NUMBER: US/10/420,034A  
PRIOR FILING DATE: 2002-04-19  
NUMBER OF SEQ ID NOS: 69  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 47  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer ZC38481  
US-10-420-034A-47

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3677 CCTCAGCAGAAAGCAGCT 3697  
Db 1 CCTCTTCCAGAAATGCCACT 21

RESULT 2177  
US-10-072-012-1065/c  
Sequence 1065, Application US/10072012  
Publication No. US20040033493A1  
GENERAL INFORMATION:  
APPLICANT: Tchiernev, Velizar  
APPLICANT: Spytek, Kimberly

```
/ APPLICANT: Zernhusen, Bryan
/ APPLICANT: Patturajan, Meera
/ APPLICANT: Shinkets, Richard
/ APPLICANT: Li, Li
/ APPLICANT: Gangoli, Bsha
/ APPLICANT: Padigar, Muralidhara
/ APPLICANT: Anderson, David W.
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Taupier Jr, Raymond J.
/ APPLICANT: Gusev, Vladimir Y.
/ APPLICANT: Coleman, Steven D.
/ APPLICANT: Molenc, Adam R.
/ APPLICANT: Pena, Carol E. A.
/ APPLICANT: Furtak, Katarzyna
/ APPLICANT: Grose, William M.
/ APPLICANT: Alsobrook II, John P.
/ APPLICANT: Lepley, Denise M.
/ APPLICANT: Rieger, Daniel K.
/ APPLICANT: Burgess, Catherine E.
/ TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-258
/ CURRENT APPLICATION NUMBER: US/10/072,012
/ PRIOR FILING DATE: 2002-01-31
/ PRIOR APPLICATION NUMBER: 60/265,102
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: 60/265,514
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: 60/265,517
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: 60/265,412
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: 60/265,395
/ PRIOR FILING DATE: 2001-01-31
/ PRIOR APPLICATION NUMBER: 60/266,406
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: 60/266,767
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: 60/267,057
/ PRIOR FILING DATE: 2001-02-07
/ PRIOR APPLICATION NUMBER: 60/266,975
/ PRIOR FILING DATE: 2001-02-07
/ PRIOR APPLICATION NUMBER: 60/267,459
/ PRIOR FILING DATE: 2001-02-08
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1391
/ SOFTWARE: Patent Ver. 2.1
/ SEQ ID NO 1065
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Ag2964 Reverse
US-10-072-012-1065

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred.No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3449 TACTTCTCTCCCTGACAGAC 3469
Db      22 TCAACTTCTCTCCCTCACAGAC 2
```

```
RESULT 2178
US-10-092-900A-718
/ Sequence 718, Application US/10092900A
/ Publication No. US20040043382A1
/ GENERAL INFORMATION:
/ APPLICANT: Padigar, Muralidhara
/ APPLICANT: Spytek, Kimberly A.
/ APPLICANT: Shenoy, Suresh G.
```

```
/ APPLICANT: Taupier Jr., Raymond J.
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Li, Li
/ APPLICANT: Zernhusen, Bryan D.
/ APPLICANT: Gusev, Vladimir Y.
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Gorman, Linda
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Patturajan, Meera
/ APPLICANT: Gangoli, Bsha A.
/ APPLICANT: Vernet, Corine A.M.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Tchernev, Velizar T.
/ APPLICANT: Fernandes, Elma R.
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Liu, Yi
/ APPLICANT: Anderson, David W.
/ APPLICANT: Spaderne, Steven K.
/ APPLICANT: Catterton, Elina
/ APPLICANT: Leite, Mario W.
/ APPLICANT: Zhong, Haihong
/ APPLICANT: Alsobrook, John P.
/ APPLICANT: Lepley, Denise M.
/ APPLICANT: Rieger, Daniel K.
/ APPLICANT: Burgess, Catherine E.
/ TITLE OF INVENTION: No. US20040043382A1 Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-290C
/ CURRENT APPLICATION NUMBER: US/10/092,900A
/ PRIOR FILING DATE: 2002-03-07
/ PRIOR APPLICATION NUMBER: USSN 60/274,322
/ PRIOR FILING DATE: 2001-03-08
/ PRIOR APPLICATION NUMBER: USSN 60/283,675
/ PRIOR FILING DATE: 2001-04-13
/ PRIOR APPLICATION NUMBER: USSN 60/338,092
/ PRIOR FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: USSN 60/274,281
/ PRIOR FILING DATE: 2001-03-08
/ PRIOR APPLICATION NUMBER: USSN 60/274,191
/ PRIOR FILING DATE: 2001-03-08
/ PRIOR APPLICATION NUMBER: USSN 60/325,681
/ PRIOR FILING DATE: 2001-09-27
/ PRIOR APPLICATION NUMBER: USSN 60/304,354
/ PRIOR FILING DATE: 2001-07-10
/ PRIOR APPLICATION NUMBER: USSN 60/279,995
/ PRIOR FILING DATE: 2001-03-30
/ PRIOR APPLICATION NUMBER: USSN 60/294,899
/ PRIOR FILING DATE: 2001-05-31
/ PRIOR APPLICATION NUMBER: USSN 60/287,424
/ PRIOR FILING DATE: 2001-04-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 768
/ SEQ ID NO 718
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-092-900A-718
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred.No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      6344 AACATAAGCCGAGAGGTA 6364
Db      2 AAGTAAAGGCCAAGAGTA 22
```

```
RESULT 2179
US-09-874-991C-616
```

```
; Sequence 616, Application US/09874991C
; Publication No. US20040052763A1
; GENERAL INFORMATION:
; APPLICANT: MOND, JAMES J.
; APPLICANT: FLORA, MICHAEL
; APPLICANT: KLINMAN, DENNIS M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
; FILE REFERENCE: 07787.0042-0
; CURRENT APPLICATION NUMBER: US/09/874,991C
; CURRENT FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/209,797
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 620
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 616
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic HDR
US-09-874-991C-616

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4463 CTTTTTTTTTTTTTTTTTTT 4483
          ||||| ||||| ||||| |||||
Db      2 CGTTGTCCTCTTTTCTTTT 22

RESULT 2180
US-10-335-977-9996
; Sequence 9996, Application US/10335977
; Publication No. US20040052799A1
; GENERAL INFORMATION:
; APPLICANT: DOUGLAS SMITH et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
; RELATING TO HELICOBACTER PYLORI FOR
; DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 10031
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT 4.0
; SOFTWARE: UNIX
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/335,977
; FILING DATE: 30-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/993,002
; FILING DATE: 17-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: GTN-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 9996:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
```

```
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Helicobacter pylori
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...22
; SEQUENCE DESCRIPTION: SEQ ID NO: 9996:
US-10-335-977-9996

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7101 CAATAGGAAATGAATTA 7121
          ||| ||||| ||||| |||||
Db      1 CAAGCACTAATAATGAATTA 21

RESULT 2181
US-09-771-355-6
; Sequence 6, Application US/09771355
; Publication No. US20020086840A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: USE OF RAD51 INHIBITORS FOR p53 GENE THERAPY
; FILE REFERENCE: A-68872-1/RTT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/771,355
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: oligonucleotide
US-09-771-355-6

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3477 CCTAGTAATACCTTAAGGCAC 3497
          ||||| ||||| ||||| |||||
Db      1 CCCAAGTCATTCCTTAAGGCAC 21

RESULT 2182
US-09-861-925-44/C
; Sequence 44, Application US/09861925
; Publication No. US20030064426A1
; GENERAL INFORMATION:
; APPLICANT: Robinson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; FILE REFERENCE: 99,216-P
; CURRENT APPLICATION NUMBER: US/09/861,925
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: US 60/
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense primer for Mn-SOD promoter
```

US-09-861-925-44

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7415 GCAGCAGCAGCAGCAGCA 7435

DB 22 GTCGACGACGACTAGCAGCA 2

RESULT 2183

US-09-754-106-64/c

; Sequence 64, Application US/09754106

; Publication No. US20030224355A1

; GENERAL INFORMATION:

; APPLICANT: Bell, Graeme I.

; APPLICANT: Yamagata, Kazuya

; APPLICANT: Oda, Naohisa

; APPLICANT: Katsaki, Pamela J.

; APPLICANT: Purusa, Hiroto

; APPLICANT: Horikawa, Yukio

; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY

; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA

; TITLE OF INVENTION: AND HNF-4ALPHA

; NUMBER OF SEQUENCES: 147

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White &amp; Durkee

; STREET: P.O. Box 4433

; CITY: Houston

; STATE: Texas

; COUNTRY: USA

; ZIP: 77210

; COMPUTER READABLE FORM:

; MEDIUM TYPE: floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/754,106

; FILING DATE:

; CLASSIFICATION:

; APPLICATION NUMBER: 08/927,219

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/028,056

; FILING DATE: 02-OCT-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/025,719

; FILING DATE: 10-SEP-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Wilson, Mark B.

; REGISTRATION NUMBER: 37,259

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 512/418-3000

; TELEFAX: 512/474-7577

; INFORMATION FOR SEQ ID NO: 64:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 22 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-754-106-64

DB 21 CAGGATGAGTAGGGGCTG 1

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCTCTTGGCTCTCTCTC 5348

DB 1 CTCTCTCTCTCTCTCTCTC 21

RESULT 2185

US-10-351-951-97

; Sequence 97, Application US/10351951

; Publication No. US20030203380A1

; GENERAL INFORMATION:

; APPLICANT: Stefansson, Stefan E.

; TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS

; FILE REFERENCE: 2345, 2043-004

; CURRENT APPLICATION NUMBER: US/10/351,951

; CURRENT FILING DATE: 2003-01-24

; PRIOR APPLICATION NUMBER: 10/057,312

; PRIOR FILING DATE: 2002-01-25

; PRIOR APPLICATION NUMBER: 60/431,538

; PRIOR FILING DATE: 2002-12-05

; NUMBER OF SEQ ID NOS: 132

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 97

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Sequence

US-10-314-578-908

DB 21 CAGGATGAGTAGGGGCTG 1

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5693 CACTGTTTGGCTTCTTTTC 5713

DB 1 CACTGTTTGGCAACTTTTC 21

RESULT 2184

US-10-314-578-908

; Sequence 908, Application US/10314578

; Publication No. US20030212026A1

; GENERAL INFORMATION:

; APPLICANT: Krieg, Arthur M.

; APPLICANT: Schetter, Christian

; APPLICANT: Vollmer, Jorg

; TITLE OF INVENTION: Immunostimulatory Nucleic Acids

; FILE REFERENCE: C1039/7035 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/10/314,578

; CURRENT FILING DATE: 2002-12-09

; PRIOR APPLICATION NUMBER: US 60/156,113

; PRIOR FILING DATE: 1999-09-25

; PRIOR APPLICATION NUMBER: US 60/156,135

; PRIOR FILING DATE: 1999-09-27

; PRIOR APPLICATION NUMBER: US 60/227,436

; PRIOR FILING DATE: 2000-08-23

; NUMBER OF SEQ ID NOS: 1145

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 908

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Sequence

US-10-314-578-908

```
RESULT 2186
US-10-428-275-447
; Sequence 447, Application US/10428275
; Publication No. US20040067505A1
; GENERAL INFORMATION:
; APPLICANT: Alvarez et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-585
; CURRENT APPLICATION NUMBER: US/10/428, 275
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 09/966545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/569269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/619252
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185548
; PRIOR FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 450
; SOFTWARE: CirusSeqList version 0.1
; SEQ ID NO 447
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-428-275-447

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3948 TCAGTCTCTTATGTTTCAAT 3968
Db      2 TCATGCTCTCTTGTTCAT 22

RESULT 2187
US-10-432-008-19
; Sequence 19, Application US/10432008
; Publication No. US20040068764A1
; GENERAL INFORMATION:
; APPLICANT: Paul Wing Gay CHU
; APPLICANT: Ronald George GARRETT
; APPLICANT: Sten Roger KALLA
; APPLICANT: German Carlos SPANGENBERG
; APPLICANT: Philip John LARKIN
; APPLICANT: Thomas Joseph HIGGINS
; TITLE OF INVENTION: METHOD OF ENHANCING VIRUS-RESISTANCE IN PLANTS AND PRODUCING VIRI
; TITLE OR INVENTION: PLANTS
; FILE REFERENCE: 0626/69458
; CURRENT APPLICATION NUMBER: US/10/432, 008
; CURRENT FILING DATE: 2003-05-16
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-432-008-19

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

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Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2238 CCAGATACCTCATTATGAGCT 2258
Db      1 CCAGATCTTCATCATGAGTT 21

RESULT 2188
US-10-028-415-38
; Sequence 38, Application US/10028415
; Publication No. US20020151063A1
; GENERAL INFORMATION:
; APPLICANT: Laasham, Annette
; APPLICANT: Watson, James D.
; TITLE OF INVENTION: Methods for Modulating Apoptotic Cell
; TITLE OR INVENTION: Death
; FILE REFERENCE: 11000.1004c3
; CURRENT APPLICATION NUMBER: US/10/028, 415
; CURRENT FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: PCT/NZ01/00286
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 09/724, 809
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/036, 004
; PRIOR FILING DATE: 1998-03-04
; PRIOR APPLICATION NUMBER: US 08/713, 557
; PRIOR FILING DATE: 1996-08-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-028-415-38

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2701 GGGCAGCGCAATGGCGGAGC 2721
Db      2 GGGCAGCGCAATGATGTGGCC 22

RESULT 2189
US-10-003-152-36
; Sequence 36, Application US/10003152
; Publication No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, MeiJia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cirs-54 CON-512
; CURRENT APPLICATION NUMBER: US/10/003, 152
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604, 286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140, 584
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-003-152-36
```

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319  
|||||  
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2190  
US-10-002-050-36

Sequence 36, Application US/10002050  
Publication No. US20030032095A1

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard

APPLICANT: Fernandes, Elma

APPLICANT: Vernet, Corine

APPLICANT: Yang, Weijia

APPLICANT: Boldog, Ferenc

APPLICANT: Hermann, John

TITLE OF INVENTION: No. US20030032095A1 Nucleic Acid Sequences Encoding Human Semap

FILE REFERENCE: 15966-554 Cura-54 CON-814

CURRENT FILING DATE: 2001-11-02

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 09/604,286

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 60/140,584

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 36

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:chemically

US-10-002-050-36

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319  
|||||  
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2191  
US-10-002-304-36

Sequence 36, Application US/10002304  
Publication No. US20030036185A1

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard

APPLICANT: Fernandes, Elma

APPLICANT: Vernet, Corine

APPLICANT: Yang, Weijia

APPLICANT: Boldog, Ferenc

APPLICANT: Hermann, John

TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby

FILE REFERENCE: 15966-554 Cura-54 CON-88

CURRENT FILING DATE: 2001-11-02

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 09/604,286

PRIOR FILING DATE: 2000-06-22

PRIOR APPLICATION NUMBER: 60/140,584

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 36

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:chemically  
OTHER INFORMATION: Synthesized  
US-10-002-304-36

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4299 CATCTTTTCCTCCCTGGA 4319  
|||||  
Db 1 CATCTCTCTCTCCCAAGGA 21

RESULT 2192  
US-10-112-653-877

Sequence 877, Application US/10112653  
Publication No. US20030050268A1

GENERAL INFORMATION:

APPLICANT: Kries, Arthur M.

APPLICANT: Berg, Daniel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

FILE REFERENCE: C01039/70060(LAWS)

CURRENT FILING DATE: 2002-03-29

PRIOR FILING DATE: 2001-03-29

PRIOR APPLICATION NUMBER: US 60/279,642

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 877

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-112-653-877

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5328 CTCCTTTGCTCACTCTCTC 5348  
|||||  
Db 1 CTCCTCTCTCTCTCTCTC 21

RESULT 2193  
US-10-017-995-908

Sequence 908, Application US/10017995  
Publication No. US20030055014A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

FILE REFERENCE: C1037/7025 (HCL/MAT)

CURRENT FILING DATE: US/10/017,995

PRIOR FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 60/255,534

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 908

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-10-017-995-908

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;



Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2260 CTGGCATTCTGGATGCTTGC 2280  
DB 21 CTGACATTCCTGATGCTTAC 1

RESULT 2198

US-10-207-791-6

; Sequence 6, Application US/10207791  
; Publication No. US20030120428A1

; GENERAL INFORMATION:

; APPLICANT: PharmaDesign, Inc; Masaki Mori

; TITLE OF INVENTION: A prediction method of the effect of radiotherapy for cancer pati

; FILE REFERENCE: PDP-0016

; CURRENT APPLICATION NUMBER: US/10/207,791

; PRIOR FILING DATE: 2002-07-31

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 6

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA

US-10-207-791-6

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3412 CCCTATTTCCTCTCTCCAC 3432.

DB 2 CACTATTTCCTCTCGTCTC 22

RESULT 2199

US-10-002-623-105/c

; Sequence 105, Application US/10002623

; Publication No. US20030134285A1

; GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.

; APPLICANT: UNDERHILL, PETER A.

; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

; FILE REFERENCE: STAN-212

; CURRENT APPLICATION NUMBER: US/10/002,623

; PRIOR FILING DATE: 2001-11-01

; PRIOR APPLICATION NUMBER: US 60/245,355

; NUMBER OF SEQ ID NOS: 952

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 105

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of artificial sequence: Oligonucleotide ATF alpha-1L

US-10-002-623-105

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6928 CTCTGCTGCTGTTGGGAT 6948

DB 22 CTCTGCTGCTCTTTAGGCTT 2

RESULT 2200

US-10-002-623-526/c

; Sequence 526, Application US/10002623  
; Publication No. US20030134285A1

; GENERAL INFORMATION:

; APPLICANT: OEFNER, PETER J.

; APPLICANT: UNDERHILL, PETER A.

; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

; FILE REFERENCE: STAN-212

; CURRENT APPLICATION NUMBER: US/10/002,623

; PRIOR FILING DATE: 2001-11-01

; PRIOR APPLICATION NUMBER: US 60/245,355

; NUMBER OF SEQ ID NOS: 952

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 526

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Homo Sapiens

US-10-002-623-526

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6928 CTCTGCTGCTGTTGGGAT 6948

DB 22 CTCTGCTGCTCTTTAGGCTT 2

RESULT 2201

US-10-199-957A-144/c

; Sequence 144, Application US/10199957A

; Publication No. US20030138440A1

; GENERAL INFORMATION:

; APPLICANT: PERLAN THERAPEUTICS

; APPLICANT: FANG, FANG

; APPLICANT: LUO, GUANG-XIANG

; APPLICANT: LORI, KOHSTADT ALLISON

; APPLICANT: CHARLES, CATHERINE HELEN

; TITLE OF INVENTION: MULTIMERIC PROTEINS AND METHODS OF MAKING AND USING SAME

; FILE REFERENCE: 014357-0290013

; CURRENT APPLICATION NUMBER: US/10/199,957A

; PRIOR FILING DATE: 2003-02-03

; PRIOR APPLICATION NUMBER: 60/306,746

; PRIOR FILING DATE: 2001-07-19

; PRIOR APPLICATION NUMBER: 60/335,425

; NUMBER OF SEQ ID NOS: 153

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 144

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Description of artificial sequence: Oligonucleotide ATF alpha-1L

US-10-199-957A-144

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7010 TTTTCTCTTACAGAGGAAA 7030

DB 22 TTTTCTCTCTAAGAGCTAA 2

RESULT 2202

US-10-270-839-75/c

; Sequence 75, Application US/10270839

; Publication No. US20030143586A1

; GENERAL INFORMATION:

```

; APPLICANT: Chao, Qimin
; APPLICANT: Grasso, Luigi
; APPLICANT: Saes, Philip M.
; APPLICANT: Nicolaides, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG000205 (MOR-0133)
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: US/10/270,839
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; NAME/KEY: misc feature
; LOCATION: (22)-(122)
; OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839-75
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

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QY      5328 CTCTCTTTGCTCTCACTCTCTC 5348
Db      21  CTCTCTCTCTCTCTCTCTCTC 1
```

```

RESULT 2203
US-10-244-490-46
; Sequence 46, Application US/10244490
; Publication No. US20030152916A1
; GENERAL INFORMATION:
; APPLICANT: KACIAN, DANIEL L.
; APPLICANT: FUJIZ, TIMOTHY J.
; APPLICANT: McDONOUGH, SHERROL H.
; TITLE OF INVENTION: DETECTION OF HIV
; FILE REFERENCE: 218/130
; CURRENT APPLICATION NUMBER: US/10/244,490
; CURRENT FILING DATE: 2002-09-16
; PRIOR APPLICATION NUMBER: US/09/168,947
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 08/469,067
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 07/550,837
; PRIOR FILING DATE: 1990-07-10
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized nucleic acid molecule
US-10-244-490-46
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

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QY      2539 GAGCTCAGATCTGAGCTAC 2559
Db      2   GAGCTGAGATGATGACCAAC 22
```

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RESULT 2204
US-10-233-032A-44/C
; Sequence 44, Application US/10233032A
```

```

; Publication No. US20030157704A1
; GENERAL INFORMATION:
; APPLICANT: Poole, Jason
; APPLICANT: Roninson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
; FILE REFERENCE: 01-1156-A
; CURRENT APPLICATION NUMBER: US/10/233,032A
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 09/861,925
; PRIOR FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US 60/265,940
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 44
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense primer for Mn-SOD promoter
US-10-233-032A-44
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

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QY      7415 GCAGCAGCAGCAGCAGCAGCA 7435
Db      22  GTAGCAGCAGCAGCAGCAGCA 2
```

```

RESULT 2205
US-10-334-488-10/C
; Sequence 10, Application US/10334488
; Publication No. US20030180763A1
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT99/86.HLA
; CURRENT APPLICATION NUMBER: US/10/334,488
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US/09/673,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870088.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-334-488-10
```

```

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

QY      1611 GAACTTCACAGACCAGCTGCG 1631
Db      22  GAGCTTCACAGTGCAGCGCG 2
```

```

RESULT 2206
US-10-032-585-4852
; Sequence 4852, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jjiang
; APPLICANT: Charles, Boone
```

```

; APPLICANT: Howard, Buseey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4852
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4852

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5949 CCCTCAAGCTTATCTAGAGA 5969
DB      2  CCCTCAAGCTCATGCAAGAA 22

RESULT 2207
US-10-025-806-267/c
; Sequence 267, Application US/10025806
; Publication No. US20030198955A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Ballinger, Robert
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Coleman, Steven
; APPLICANT: Spytek, Kimberly
; APPLICANT: Casman, Stacie
; APPLICANT: Edinger, Snlomt
; APPLICANT: Gerlach, Valerie
; APPLICANT: Sciore, Paul
; APPLICANT: Smithson, Glenda
; APPLICANT: Peyman, John
; APPLICANT: MacDougall, John
; APPLICANT: Stone, David
; APPLICANT: Vernet, Corine
; APPLICANT: Shenoy, Suresh
; APPLICANT: Gunther, Erik
; APPLICANT: Millet, Isabelle
; APPLICANT: Tchernev, Velizar
; APPLICANT: Anderson, David
; APPLICANT: Gusev, Vladimir
; APPLICANT: Malvankar, Uriel
; APPLICANT: Zhong, Haihong
; APPLICANT: Ellerman, Karen
; APPLICANT: Wolenc, Adam
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-224 AB
; CURRENT APPLICATION NUMBER: US/10/025,806
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256,635
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: 60/259,743
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 60/299,327
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 60/261,498
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/263,689
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/276,464
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/271,021
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 60/275,946
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/278,150
```

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; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: 60/285,718
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 60/312,902
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/257,876
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/260,718
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: 60/284,591
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 267
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TagMan PCR
US-10-025-806-267

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3921 CTCCTGGCTCTCTTCTCCCT 3941
DB      21 CTCCTGGCTCTTGTATCCCT 1

RESULT 2208
US-10-271-602B-66/c
; Sequence 66, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; FILE REFERENCE: gmap-us
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer, derived from human sequence
US-10-271-602B-66

Query Match      0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1610 AGAAGTTCACAGACGCTGC 1630
DB      21 AGAGCTTCACAGTCAGCGGC 1
```

TELECOMMUNICATION INFORMATION  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 81:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 81:  
US-10-374-077-81

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7337 ACCTGACCTGCTGACCTGCA 7357  
DB 1 AGATGACTTGCCATTCGA 21

RESULT 2212  
US-10-374-077-88

Sequence 88, Application US/10374077  
Publication No. US20040006779A1  
GENERAL INFORMATION:

APPLICANT: Fu, Yang-Hui

Yu, Chang-En

Oshima, Junko

Mulligan, John T.

Schellenberg, Gerald D.

TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSER: Seed Intellectual Property Law Group

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA: US/10/374,077

APPLICATION NUMBER: US/10/374,077

FILING DATE: 25-Feb-2003

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Roseman, Stephen

REGISTRATION NUMBER: 43,058

REFERENCE/DOCKET NUMBER: 100107.401D1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 88:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 88:

US-10-374-077-88

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4149 CTGATTGTCTCTGACCTGCG 4169  
DB 2 CTGATTGTCTCTGACCTGCG 22

RESULT 2213

US-10-085-198-436/C  
Sequence 436, Application US/10085198  
Publication No. US20040009507A1  
GENERAL INFORMATION:

APPLICANT: Alsobrook et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-279

CURRENT APPLICATION NUMBER: US/10/085,198

CURRENT FILING DATE: 2002-02-25

PRIOR APPLICATION NUMBER: 60/271,646

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 60/276,401

PRIOR FILING DATE: 2001-03-16

PRIOR APPLICATION NUMBER: 60/311,981

PRIOR FILING DATE: 2001-08-13

PRIOR APPLICATION NUMBER: 60/312,858

PRIOR FILING DATE: 2001-08-16

PRIOR APPLICATION NUMBER: 60/271,840

PRIOR FILING DATE: 2001-02-27

PRIOR APPLICATION NUMBER: 60/277,324

PRIOR FILING DATE: 2001-03-20

PRIOR APPLICATION NUMBER: 60/286,096

PRIOR FILING DATE: 2001-04-21

PRIOR APPLICATION NUMBER: 60/299,695

PRIOR FILING DATE: 2001-06-20

PRIOR APPLICATION NUMBER: 60/315,614

PRIOR FILING DATE: 2001-08-29

PRIOR APPLICATION NUMBER: 60/272,405

PRIOR FILING DATE: 2001-02-28

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 653

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 436

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

US-10-085-198-436

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5402 TATGCCATTCAAGAAATATAA 5422

DB 21 TTGGCATTCAAGAAATGAAA 1

RESULT 2214

US-10-041-615-169

Sequence 169, Application US/10041615

Publication No. US20040014038A1

GENERAL INFORMATION:

APPLICANT: Casman, Stacie J

APPLICANT: Edinger, Shlomit R

APPLICANT: Ellerman, Karen

APPLICANT: Smithson, Glenda

APPLICANT: Kekuda, Rameeh

APPLICANT: Padigar, Muralidhara

TITLE OF INVENTION: No. US20040014038A1 GPCR-Like Proteins and Nucleic Acids Encodi

FILE REFERENCE: 21402-233-061

CURRENT APPLICATION NUMBER: US/10/041,615

CURRENT FILING DATE: 2003-01-29

PRIOR APPLICATION NUMBER: 60/259,552

PRIOR FILING DATE: 2001-01-03

PRIOR APPLICATION NUMBER: 60/260,544

PRIOR FILING DATE: 2001-01-09

PRIOR APPLICATION NUMBER: 60/277,405

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 174

SOFTWARE: CursSeqList version 0.1

SEQ ID NO 169  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-041-615-169

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5321 TCCTTCTCTCTTGGCTCA 5341  
Db 1 TCCTTCTCTGCAATTCCTCA 21

RESULT 2215  
US-10-210-130-335/c  
Sequence 335, Application US/10210130  
Publication No. US20040014053A1  
GENERAL INFORMATION:  
APPLICANT: Zernusen, Bryan D.  
APPLICANT: Patturajan, Meera  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Miller, Charles E.  
APPLICANT: Rieger, Daniel K.  
APPLICANT: Pena, Carol E.A.  
APPLICANT: Shimkets, Richard A.  
APPLICANT: Li, Li  
APPLICANT: Berghs, Constance  
APPLICANT: Zhong, Mei  
APPLICANT: Casman, Stacie J.  
APPLICANT: Voss, Edward Z.  
APPLICANT: Boldog, Ferenc L.  
APPLICANT: Padigaru, Muralidhara  
APPLICANT: Smithson, Glenda  
APPLICANT: JI, Weizhen  
APPLICANT: Gorman, Linda  
APPLICANT: Vernet, Corine A.M.  
APPLICANT: Leite, Mario W.  
APPLICANT: Guo, Xiaojia Saasha  
APPLICANT: Anderson, David W.  
APPLICANT: Spytek, Kimberly A.  
APPLICANT: Gerlach, Valerie  
APPLICANT: Burgess, Catherine E.  
APPLICANT: Khramtsov, Nikolai V.  
APPLICANT: Ort, Tatiana  
APPLICANT: Ellerman, Karen  
APPLICANT: Raastelli, Luca  
APPLICANT: Agee, Michele L.  
APPLICANT: Chaudhuri, Amtabha  
APPLICANT: Chan, John S.  
APPLICANT: DiPippo, Vincent A.  
APPLICANT: Edinger, Shlomit R.  
APPLICANT: Elesen, Andrew J.  
APPLICANT: Gangolli, Esha A.  
APPLICANT: Gioc, Loic  
APPLICANT: Ooi, Chean Eng  
APPLICANT: Rothenberg, Mark E.  
APPLICANT: Spaderna, Steven K.  
APPLICANT: Hjal, Tord  
APPLICANT: Liu, Xiaohong  
APPLICANT: Taudier, Raymond J., Jr.  
APPLICANT: Catterton, Elna  
APPLICANT: Shenoy, Suresh G.  
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
FILE REFERENCE: 21402-416C (Cura-716 SWT)  
CURRENT APPLICATION NUMBER: US/10/210,130  
CURRENT FILING DATE: 2002-08-01  
PRIOR APPLICATION NUMBER: 60/309,501  
PRIOR FILING DATE: 2001-08-02  
PRIOR APPLICATION NUMBER: 60/316,508

PRIOR FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: 60/354,655  
PRIOR FILING DATE: 2002-02-05  
PRIOR APPLICATION NUMBER: 60/310,291  
PRIOR FILING DATE: 2001-08-03  
PRIOR APPLICATION NUMBER: 60/383,887  
PRIOR FILING DATE: 2002-05-29  
PRIOR APPLICATION NUMBER: 60/310,951  
PRIOR FILING DATE: 2001-08-08  
PRIOR APPLICATION NUMBER: 60/323,936  
PRIOR FILING DATE: 2001-09-21  
PRIOR APPLICATION NUMBER: 60/381,039  
PRIOR FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 60/311,292  
PRIOR FILING DATE: 2001-08-09  
PRIOR APPLICATION NUMBER: 60/311,979  
PRIOR FILING DATE: 2001-08-13  
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 369  
SOFTWARE: CuraSeqList Version 0.1  
SEQ ID NO 335  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-210-130-335

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5238 GGGTCAGTATTCACGACA 5258  
Db 21 GGTTCCAGTATTCACGAA 1

RESULT 2216  
US-10-326-892-5  
Sequence 5, Application US/10326892  
Publication No. US20040016005A1  
GENERAL INFORMATION:  
APPLICANT: KARATZAS, Costas  
APPLICANT: HUANG, Yue-Jin  
APPLICANT: LAZARIS, Anthoula  
TITLE OF INVENTION: PRODUCTION OF BUTYRYLCHOLINESTERASES IN TRANSGENIC MAMMALS  
FILE REFERENCE: 4214/1M96-US1  
CURRENT APPLICATION NUMBER: US/10/326,892  
CURRENT FILING DATE: 2002-12-20  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 5  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer Acb710  
US-10-326-892-5

Query Match 0.2%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 1.6e+03;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3602 TGTAACCTTCTTGGGAATG 3622  
Db 2 TGTAACCTTCTTGGGAATG 22

RESULT 2217  
US-10-326-892-5  
Sequence 5, Application US/10326892  
Publication No. US20040168208A2  
GENERAL INFORMATION:

```

; APPLICANT: KARATZAS, Costas
; APPLICANT: HUANG, Yue-jin
; APPLICANT: LAZARIS, Anthoula
; TITLE OF INVENTION: PRODUCTION OF BUTYRYLCHOLINESTERASES IN TRANSGENIC MAMMALS
; FILE REFERENCE: 4214/11196-US1
; CURRENT APPLICATION NUMBER: US/10/326,892
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 48.
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer Acb710
US-10-326-892-5

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3602 TGTACCTTCTTTGGGGAATG 3622
DB 2 TGTAACTCTCTTGGAGAAAG 22

RESULT 2218
US-10-182-952A-4
; Sequence 4, Application US/10182952A
; Publication No. US20040106111A1
; GENERAL INFORMATION:
; APPLICANT: Haley, Christopher Simon
; APPLICANT: Archibald, Alan Langskill
; TITLE OF INVENTION: Method for Determining a Predisposition
; FILE REFERENCE: 8830-109
; CURRENT APPLICATION NUMBER: US/10/182,952A
; CURRENT FILING DATE: 2003-02-26
; PRIOR APPLICATION NUMBER: PCT/GB01/00448
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: GB 0002451.3
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-182-952A-4

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4435 ACTAGGCATGTGGTGCGTG 4455
DB 1 AATAGGCATGAGGCGTGTG 21

RESULT 2219
US-10-470-700A-40
; Sequence 40, Application US/10470700A
; Publication No. US20040152873A1
; GENERAL INFORMATION:
; APPLICANT: Biomedica Limited
; APPLICANT: Callen, David F
; APPLICANT: Powell, Jason
; APPLICANT: Krennidoletis, Gabriel
; APPLICANT: Gardner, Alison
; APPLICANT: Crawford, Joanna
; APPLICANT: Bale, Anthony
```

```

; APPLICANT: Kochetkova, Marina
; TITLE OF INVENTION: A Novel Gene BNO1 Mapping to Chromosome 16Q24.3
; FILE REFERENCE: 1386/14
; CURRENT APPLICATION NUMBER: US/10/470,700A
; CURRENT FILING DATE: 2003-07-29
; PRIOR APPLICATION NUMBER: PCT/AU02/00096
; PRIOR FILING DATE: 2002-01-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 40
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-470-700A-40

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5995 GTGAAGTCAGGAGCGTTCTG 6015
DB 1 GTGAAGTCGGGACGTTTGTG 21

RESULT 2220
US-10-657-740-13
; Sequence 13, Application US/10657740
; Publication No. US20040157289A1
; GENERAL INFORMATION:
; APPLICANT: Salerno, John C.
; APPLICANT: Hanna, Michael
; APPLICANT: Koretz, Jane F.
; APPLICANT: Krete, Donna
; APPLICANT: Smith, Susan E.
; TITLE OF INVENTION: PROTEIN EXPRESSION SYSTEM
; FILE REFERENCE: 01794100H06US1
; CURRENT APPLICATION NUMBER: US/10/657,740
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: US 60/408,680
; PRIOR FILING DATE: 2002-09-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 13
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-657-740-13

Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4260 TCCCTCTCTGCATGTCCTG 4280
DB 1 TCCCTCTTCGACGCTGCTG 21

RESULT 2221
US-10-403-142-224
; Sequence 224, Application US/10403142
; Publication No. US20040162236A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-577A
; CURRENT APPLICATION NUMBER: US/10/403,142
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 08/969106
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
```

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; PRIOR APPLICATION NUMBER: 60/369065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/604286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/651200
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 09/662783
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/688598
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/894159
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 09/918779
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 09/964956
; PRIOR FILING DATE: 2001-09-26
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 242
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 224
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-142-224
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      4299 CATCTTTCTCTCCCTCGA 4319
Db      1 CATCTCTCTCTTCCCAAGA 21
```

```
RESULT 2222
US-10-620-242A-43/c
; Sequence 43, Application US/10620242A
; Publication No. US20040171020A1
; GENERAL INFORMATION:
; APPLICANT: Ulrich, Ricky
; APPLICANT: Jeddeloh, Jeffrey A.
; APPLICANT: Oyston, Petra
; TITLE OF INVENTION: Glanders/Melioidosis Vaccines
; FILE REFERENCE: 003/267/SAP
; CURRENT APPLICATION NUMBER: US/10/620,242A
; CURRENT FILING DATE: 2003-07-15
; PRIOR APPLICATION NUMBER: US 60/386,257
; PRIOR FILING DATE: 2002-07-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Apple Macintosh Microsoft Word 6.0
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: designed primer
US-10-620-242A-43
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 1.6e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      2098 GTACAGCAGCAACGCAAG 2118
Db      21 GGAACAGCGCGCACGCGC 1
```

```
RESULT 2223
US-10-480-013-2/c
; Sequence 2, Application US/10480013
; Publication No. US2004015794A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Pohang Foundation
; TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
; TITLE OF INVENTION: HYBRIDS
; FILE REFERENCE: PCA20633/PSC
; CURRENT APPLICATION NUMBER: US/10/480,013
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
; NAME/KEY: misc_feature
; LOCATION: (13)
; OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
US-10-480-013-2
```

```
Query Match          0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 77.3%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
Oy      4018 AGAAAAAGAGAGAAACAAA 4039
Db      25 AAAAAAAAAAAAAAAAAAAAAA 4
```

```
RESULT 2224
US-09-866-108-13467
; Sequence 13467, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
```

```

; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13467
```

```

Query Match      0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 81.0%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      1412 AGGATGACATGACGAGCTGA 1432
Db      2 AGGATGACCTGAATGAGCTGA 22
```

RESULT 2225

```

; Sequence 13467, Application US/10723361
; Publication No.: US20040137589A1
; GENERAL INFORMATION:
```

```

; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 13467
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13467
```

```

; ORGANISM: Homo sapiens
US-10-723-361-13467
```

```

Query Match      0.2%; Score 14.6; DB 1; Length 25;
Best Local Similarity 81.0%; Pred. No. 1.8e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      1412 AGGATGACATGACGAGCTGA 1432
Db      2 AGGATGACCTGAATGAGCTGA 22
```

```

RESULT 2226
US-10-418-182-148/C
; Sequence 148, Application US/10418182
; Publication No.: US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 148
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-148
```

```

Query Match      0.2%; Score 14.6; DB 1; Length 27;
Best Local Similarity 81.0%; Pred. No. 1.9e+03;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      5412 AAGAAATTAAGACAGAGCAA 5432
Db      21 AAAAAAAAAAAGAAAAAGAA 1
```

RESULT 2227

```

US-09-927-777A-69
; Sequence 69, Application US/09927777A
; Patent No.: US20020172953A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Markin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
```

```

; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-69

Query Match          0.2%; Score 14.6; DB 1; Length 31;
Best Local Similarity 69.0%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Cy      4021 AAAAAGAGAGAAAACAAATGTTATTTT 4049
Db      1 AAAAAAAAAAAAAAAAAAACTATGTGT 29

RESULT 2228
US-10-008-978-69
; Sequence 69, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Mucic, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghamian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; PRIOR APPLICATION NUMBER: 2002-05-20
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
```

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; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-69

Query Match          0.2%; Score 14.6; DB 1; Length 31;
Best Local Similarity 69.0%; Pred. No. 2.1e+03;
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Cy      4021 AAAAAGAGAGAAAACAAATGTTATTTT 4049
Db      1 AAAAAAAAAAAAAAAAAAACTATGTGT 29

RESULT 2229
US-10-266-983-69
; Sequence 69, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; PRIOR FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 69
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-69
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Query Match 0.2%; Score 14.6; DB 1; Length 31;  
Best Local Similarity 69.0%; Pred. No. 2.1e+03;  
Matches 20; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

Qy 4021 AAAAAGAGAAACAAATGTTATTTT 4049  
Db 1 AAAAAAAAAAAAAAAAACCATGTGT 29

RESULT 2230

US-10-480-276-33  
Sequence 33, Application US/10480276  
Publication No. US20040171015A1

GENERAL INFORMATION:

APPLICANT: I.N.S.E.R.M.

TITLE OF INVENTION: CYP450-specific DNA probes and primers, and biological applicatio

FILE REFERENCE: bct010072

CURRENT APPLICATION NUMBER: US/10/480,276

NUMBER OF SEQ ID NOS: 42

SOFTWARE: PatentIn version 3.1

SEQ ID NO 33

LENGTH: 16

TYPE: DNA

ORGANISM: Homo sapiens

US-10-480-276-33

Query Match 0.2%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 144 GGGGTAAGGAGGCCCC 159  
Db 1 GGGGTAAGGAGGCCCC 16

RESULT 2231

US-09-866-108-2192/c

Sequence 2192, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A601CA-7

CURRENT APPLICATION NUMBER: US/09/866,108

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PatentIn version 3.1

SEQ ID NO 33

LENGTH: 16

TYPE: DNA

ORGANISM: Homo sapiens

US-10-480-276-33

Query Match 0.2%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 144 GGGGTAAGGAGGCCCC 159  
Db 1 GGGGTAAGGAGGCCCC 16

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: A601CA Sequence Listing Engine  
SEQ ID NO 2192  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2192

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 265 CAGCAGTGTTCACG 280  
Db 17 CAGCAGTGTTCACG 2

RESULT 2232

US-09-866-108-2193/c

Sequence 2193, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A601CA-7

CURRENT APPLICATION NUMBER: US/09/866,108

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PatentIn version 3.1

SEQ ID NO 33

LENGTH: 16

TYPE: DNA

ORGANISM: Homo sapiens

US-10-480-276-33

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 265 CAGCAGTGTTCACG 280  
Db 17 CAGCAGTGTTCACG 2

PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 2193  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2193

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 265 CACGAGGTCTCCAGG 280  
Db 16 CACGAGGTCTCCAGG 1

## RESULT 2233

US-09-866-108-2668/c  
Sequence 2668, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 2668  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2668

Query Match 0.2%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3878 CCGGCCCGCCCGAGT 3893  
Db 17 CCGGCCCGCCCGAGT 2

## RESULT 2234

US-09-866-108-2669/c  
Sequence 2669, Application US/09866108  
Patent No. US20020048800A1  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00662  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00661  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 60/266,860  
PRIOR FILING DATE: 2001-02-05  
NUMBER OF SEQ ID NOS: 15752  
SOFTWARE: Aeomica Sequence Listing Engine  
SEQ ID NO 2669  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108-2669

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3878 CCGGCCCGCCCGAGT 3893  
Db 16 CCGGCCCGCCCGAGT 1

## RESULT 2235

US-09-866-108-7981/c

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/ Sequence 7981, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 7981
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7981

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 7982
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-7982

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy      4951 TTTTCTCTGCTGCT 4966
Db      17 TGTTCCTGCTGCT 2

RESULT 2236
US-09-866-108-7982/c
/ Sequence 7982, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
```

```
RESULT 2237
US-09-864-785-22/c
/ Sequence 22, Application US/09864785
/ Patent No. US2002017568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwigen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ FILE REFERENCE: 400/022 (MBH00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 22
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
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US-09-864-785-22

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4608 TGCCCCACTGCTTGGG 4623

Db 17 TGCCCCGCTGCTTGGG 2

RESULT 2238

US-09-864-785-1434/C  
; Sequence 1434, Application US/09864785  
; Patent No. US2002017568A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Draper, Ken  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
; FILE REFERENCE: 400/022 (MBH00-812-D)  
; CURRENT APPLICATION NUMBER: US/09/864,785  
; CURRENT FILING DATE: 2001-05-23  
; NUMBER OF SEQ ID NOS: 3929  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1434  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid  
US-09-864-785-1434

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4608 TGCCCCACTGCTTGGG 4623

Db 16 TGCCCCGCTGCTTGGG 1

RESULT 2239

US-09-818-875-2654  
; Sequence 2654, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2654  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2654

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGAGGAA 3715

Db 2 TTTCATTGAGGAA 17

RESULT 2240

US-09-818-875-2655/C  
; Sequence 2655, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2655  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-2655

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCATTGAGGAA 3715

Db 16 TTTCATTGAGGAA 1

RESULT 2241

US-09-818-875-2658  
; Sequence 2658, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 2658  
; LENGTH: 17  
; TYPE: DNA  
US-09-818-875-2658

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/ ORGANISM: Homo sapiens
US-09-818-875-2658

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGAA 3715
        |||||
        16 TTTGCATTGAAGAA 17

Db

RESULT 2242
US-09-818-875-2659/c
/ Sequence 2659, Application US/09818875
/ Publication No. US20030051270A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ CURRENT FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 2659
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGAA 3715
        |||||
        16 TTTGCATTGAAGAA 17

Db

RESULT 2243
US-09-818-875-2662
/ Sequence 2662, Application US/09818875
/ Publication No. US20030051270A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ CURRENT FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4

/ SEO ID NO 2662
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-2662

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGAA 3715
        |||||
        16 TTTGCATTGAAGAA 17

Db

RESULT 2244
US-09-818-875-2663/c
/ Sequence 2663, Application US/09818875
/ Publication No. US20030051270A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/09/818,875
/ CURRENT FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedman macro Napro4
/ SEQ ID NO 2663
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-818-875-2663

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTGCATTGAAGAA 3715
        |||||
        16 TTTGCATTGAAGAA 17

Db

RESULT 2245
US-09-848-754A-3602
/ Sequence 3602, Application US/09848754A
/ Publication No. US20030073207A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribosome Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ FILE REFERENCE: MHB00-958-1 (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: PatentIn version 3.0
/ SEO ID NO 3602
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-848-754A-3602

Query Match          0.2%; Score 14.4; DB 1; Length 17;
```

Best Local Similarity 62.5%; Pred. No. 1.3e+03;  
Matches 10; Conservative 5; Mismatches 1; Indels 0;  
Gaps 0;  
QY 586 ATCTTTAAGCTCTCCA 601  
|:::|||||::|  
Db 1 AUCUUUAAAGGCGUCCA 16

```

Oy      586 ATCTTAAAGTCTCCA 601
          ||:::|||||::|||
Db      1  AUCUUAAAGGCUCCA 16

```

```

RESULT 2246
US-09-930-423-313/c
; Sequence 313, Application US/09930423
; Publication No. US20030092003a1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MEMBO, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930.423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 313
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-313

```

Query Match	0.2%	Score 14.4	DB 1	Length 17
Best Local Similarity	93.8%	Pred. No. 1.3e+03		
Matches 15; Conservative	0	Mismatches 1	Indels 0	Gaps 0

QY 72 GGGCGCGCGCGCGAGC 87  
16 GGGCGCGCGCGCGCGC 1  
Db

```

RESULT 2247
US-09-740-332-1995/c
Sequence 1995, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OR INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1995
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1995

```

Query Match	0.2%;	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%;	Pred. No. 1.3e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

Qy	5241	TCCAGTCATTCA	CAG	5256
Db	17	TCCAGGCATTCA	CAG	2

RESULT 2248  
US-09-740-332-2560  
; Sequence 2560, Application US/09740332  
; Publication No. US20030125270A1

```

? GENERAL INFORMATION:
? APPLICANT: Ribosome Pharmaceuticals Inc.
? TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
? TITLE OF INVENTION: Hepatitis C Virus Infection
? PIR REFERENCE: RPI 400/003
? CURRENT APPLICATION NUMBER: US/09/740,332
? CURRENT FILING DATE: 2001-03-26
? NUMBER OF SEQ ID NOS: 9704
? SOFTWARE: PatentIn version 3.0
? SEQ ID NO 2560
? LENGTH: 17
? TYPE: RNA
? ORGANISM: artificial sequence
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION:
? OTHER INFORMATION: oligonucleotide substrate
? US-09-740-332-2560

```

Query Match	0.2%	Score 14.4	DB 1	Length 17
Best Local Similarity	75.0%	Pred. No. 1.3e+03		
Matches 12; Conservative	3	Mismatches 1	Indels 0	Gaps 0

Qy	5241	TCCAGTCATTCACCAG	5256
		:   : : :	
Db	2	UCCAGGCAUUCACCAG	17

```

RESULT 2249
US-09-792-818-361
: Sequence 361, Application US/09792818
: Publication No. US20030134806A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Jarvis, Thale
: APPLICANT: Von Carlowitz, Ira
: APPLICANT: McSwiggan, Jim
: APPLICANT: Hamblin, Paul
: APPLICANT: Ellis, Jonathan
: TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insert
: TITLE OF INVENTION: (GRID) Gene
: FILE REFERENCE: MRB00-901-A (400/013)
: CURRENT APPLICATION NUMBER: US/09/792,818
: CURRENT FILING DATE: 2001-02-23
: NUMBER OF SEQ ID NOS: 2304
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 361
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-792-818-361

```

Query Match	0.2%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%;	Pred. No. 1.3e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

**QY**      7421 GCAGCAGCAGCAGCAC 7436  
         |||||  
**Db**      1 GCAGCAGCAGCAGCAC 16

```

RESULT 2250
US-09-792-818-383
; Sequence 383, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggan, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insert

```

```
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-383

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGC 7428
DB      2 CAGCAGCUCGACAGC 17

RESULT 2251
US-09-792-818-385/c
; Sequence 385, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 385
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-385

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      26 GTGGAGCTGCTGCAG 41
DB      17 GTGGGGGCTGCTGCAG 2

RESULT 2252
US-09-792-818-524
; Sequence 524, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 524
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-524

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7413 CAGCAGCAGCAGCAGC 7428
DB      1 CAGCAGCUCGACAGC 16

RESULT 2253
US-09-792-818-616/c
; Sequence 616, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 616
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-616

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      26 GTGGAGCTGCTGCAG 41
DB      16 GTGGGGGCTGCTGCAG 1

RESULT 2254
US-09-745-237A-313/c
; Sequence 313, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 313
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-313

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      72 GGGGGGGGGCGCGAGC 87
DB      11 GGGGGGGGGCGCGAGC 87
```

Db 16 GGGGGCGCGCGCGGC 1

RESULT 2255  
US-09-817-879-1995/C  
; Sequence 1995, Application US/09817879  
; Publication No. US2003017311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1995  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-1995

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5241 TCCAGTCATTCACGAG 5256  
17 TCCAGCATTCACGAG 2

RESULT 2256  
US-09-817-879-2560  
; Sequence 2560, Application US/09817879  
; Publication No. US2003017311A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals Inc.  
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate  
; FILE REFERENCE: MHB00-801-F  
; CURRENT APPLICATION NUMBER: US/09/817,879  
; CURRENT FILING DATE: 2001-03-26  
; NUMBER OF SEQ ID NOS: 9703  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2560  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION:  
; OTHER INFORMATION: oligonucleotide substrate  
US-09-817-879-2560

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 1.3e+03;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 5241 TCCAGTCATTCACGAG 5256  
2 UCCAGGCAUUCACGAG 17

RESULT 2257  
US-09-927-046-385  
; Sequence 385, Application US/09927046  
; Publication No. US20030064946A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc

; APPLICANT: McSwiggen, Jim  
; APPLICANT: Thompson, Jim  
; APPLICANT: McKenzie, Tim  
; APPLICANT: Ayers, Dave  
; APPLICANT: Grype, Andrew  
; APPLICANT: Szymkowski, Edmund  
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric  
; FILE REFERENCE: 249/021  
; CURRENT APPLICATION NUMBER: US/09/927,046  
; CURRENT FILING DATE: 2001-08-09  
; NUMBER OF SEQ ID NOS: 5450  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 385  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-927-046-385

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.3e+03;  
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 5015 GAGGCTCTGGAGGA 5030  
2 GCGGCTCUGGAGAGA 17

RESULT 2258  
US-10-287-971-298  
; Sequence 298, Application US/10287971  
; Publication No. US20040067882A1  
; GENERAL INFORMATION:  
; APPLICANT: Alabrook, et al  
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS  
; FILE REFERENCE: 21402-480A  
; CURRENT APPLICATION NUMBER: US/10/287,971  
; CURRENT FILING DATE: 2002-11-05  
; PRIOR APPLICATION NUMBER: 09/997,425  
; PRIOR FILING DATE: 2001-11-29  
; PRIOR APPLICATION NUMBER: 10/035,568  
; PRIOR FILING DATE: 2001-10-22  
; PRIOR APPLICATION NUMBER: 60/338,626  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: 60/401,479  
; PRIOR FILING DATE: 2002-08-06  
; PRIOR APPLICATION NUMBER: 60/333,072  
; PRIOR FILING DATE: 2001-11-06  
; PRIOR APPLICATION NUMBER: 60/348,283  
; PRIOR FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: 60/393,262  
; PRIOR FILING DATE: 2002-07-02  
; PRIOR APPLICATION NUMBER: 60/406,181  
; PRIOR FILING DATE: 2002-08-26  
; NUMBER OF SEQ ID NOS: 397  
; SOFTWARE: CuraSeqList version 0.1  
; SEQ ID NO 298  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-287-971-298

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2943 AACAGGCGCAGCAAGA 2958  
Db 2 ATCAGGGCGCAGCAAGA 17

```
RESULT 2259
US-10-100-252-7
; Sequence 7, Application US/10100252
; Publication No. US20030045697A1
; GENERAL INFORMATION:
; APPLICANT: Akin, Ali R.
; APPLICANT: Bodie, Elizabeth A.
; APPLICANT: Burrow, Shirley
; APPLICANT: Dunn-Coleman, Nigel
; APPLICANT: Turner, Geoffrey
; APPLICANT: Ward, Michael
; TITLE OF INVENTION: Regulatable Growth of Filamentous Fungi
; FILE REFERENCE: GC682-2
; CURRENT APPLICATION NUMBER: US/10/100,252
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/276,571
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: US 60/276,618
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-10-100-252-7

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.3e+03;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      385 GACATCAGCGCGATTA 401
DB      1 GATATTAACCGATTA 17

RESULT 2260
US-10-060-895A-1586/C
; Sequence 1586, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Thong
; TITLE OF INVENTION: HUMAN UDP-GALNA4:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
```

```
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1586
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-1586

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3299 CCCAGTCAATATTTT 3314
DB      17 CCCAGTCAATATTTT 2

RESULT 2261
US-10-060-895A-1587/C
; Sequence 1587, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Thong
; TITLE OF INVENTION: HUMAN UDP-GALNA4:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1587
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-1587

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3299 CCCAGTCAATATTTT 3314
DB      16 CCCAGTCAATATTTT 1

RESULT 2262
US-10-060-998-694
; Sequence 694, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
```

```
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 694
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-694

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4589 TGACGTTCATTATTTT 4604
Db 2 TGACGTTCATTATTTT 17

RESULT 2263
US-10-060-998-695
; Sequence 695, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 695
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-695

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4589 TGACGTTCATTATTTT 4604
Db 1 TGACGTTCATTATTTT 16

RESULT 2264
US-10-060-998-1054
; Sequence 1054, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

```
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1054
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1054

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5801 TGCCCTGCTGCTGCC 5816
Db 2 TGCCCTGCTGCTGCC 17

RESULT 2265
US-10-060-998-1055
; Sequence 1055, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1055
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1055

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5801 TGCCCTGCTGCTGCC 5816
Db 1 TGCCCTGCTGCTGCC 16

RESULT 2266
US-10-156-306-520
; Sequence 520, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-520
```

```

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 1.3e+03;
Matches 0; Conservative 15; Mismatches 1; Indels 0; Gaps 0;

```

Qy	4464	TTTTTTTTTTTTTT	4479
	:	:	:
Db	2	UUUUUUUUUUUUUU	17

RESULT 2267  
US-10-156-306-1490  
; Sequence 1490, Application US/10156306  
; Publication No. US20030119017A1  
; GENERAL INFORMATION:

1 APPLICANT: Kidozyme Pharmaceuticals, Inc.  
 2 APPLICANT: McSwiggen, James  
 3 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related  
 4 TITLE OF INVENTION: Levels of IKK-Gamma and PKR  
 5 FILE REFERENCE: MMB01-664-A (400/050)  
 6 CURRENT APPLICATION NUMBER: US/10/156,306  
 7 CURRENT FILING DATE: 2002-05-28  
 8 NUMBER OF SEQ.-ID:

```

; SEQ ID NO 1490
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1490

```

	Query Match	Similarity	Best Local Matches
Qy	5583	TTGCTCATGTGGATT	5598
		:::: :: :: :: :::	
Dd	2	TUGGCCACAGUGGAU	17

RESULT 2268  
US-10-156-306-3486  
Sequence 3486, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to  
TITLE OF INVENTION: Levels of I $\kappa$ B-Gamma and PKR  
FILE REFERENCE: MBH001-664-A (400/050)  
CURRENT APPLICATION NUMBER: US/10/156,306  
CURRENT FILING DATE: 2002-05-28

```

; ORGANISM: Homo sapiens
; OS=10-156-306-3486
; LENGTH: 17
; TYPE: RNA

```

	Query Match	0.2%	Score 14.4	DB 1:	Length 17;
	Best Local Similarity	93.8%	Pred. No. 1.3e+03;		
	Matches 15,	Conservative 0,	Mismatches 1,	Indels 0,	Gaps 0.
OY	68 GCGGGGCGGCGGCCGC	83			
Db	1 GCGGCGGCGCGGCCGC	16			

RESULT 2269  
US-10-156-306-3640  
Sequence 3640, Application US/10156306  
Publication No. US20030119017A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc

**APPLICANT:** Ribozyme Pharmaceuticals, Inc.

```

; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-3640

```

```
Query Match      0.2%; Score 14.4; DB 1; length 17;
Best Local Similarity 62.5%; Pred. No. 1.3e+03;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5586 GCTCATGTGATTGG 5601
          ||:||:||:||:
Db      1 GCUCAGGUGGAUUUGC 16
```

RESULT 2270  
US-10-156-306-5858  
; Sequence 5858, Application US/10156306  
; Publication No. US20030119017A1  
Country: EUROPEAN PATENT

```

: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Mcswiggen, James
: TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
: TITLE OF INVENTION: Levels of IKK-Gamma and PKR
: FILE REFERENCE: MBH01-664-A (400/050)
: CURRENT APPLICATION NUMBER: US/10/156,306
: CURRENT FILING DATE: 2002-05-28
: NUMBER OF SEQ ID NOS: 8013
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 5858

```

Query Match	0.2%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%	Pred. No. 1.3e+03;		
Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

```

Qy      7422 CAGCAGCAGCAGCACA 7437
          |||||
Db      1  CTGCAGCAGCAGCACA 16

```

```

RESULT 2271
US-10-238-700-251
: Sequence 251, Application US/10238700
: Publication No. US20030153521A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: McSwiggen, James
: TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
: FILE REFERENCE: 400/057 (MBH01-1158-A)
: CURRENT APPLICATION NUMBER: US/10/238,700
: PRIOR FILING DATE: 2002-09-18
: PRIOR APPLICATION NUMBER: ECT/US 02/16840
: PRIOR FILING DATE: 2002-05-29
: PRIOR APPLICATION NUMBER: US 60/318,471
: PRIOR FILING DATE: 2001-09-10
: NUMBER OF SEQ ID NOS: 4666
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 251
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens

```

```

: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: McSwiggen, James
: TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
: FILE REFERENCE: 400/057 (MRBH01-1158-A)
: CURRENT APPLICATION NUMBER: US/10/238,700
: CURRENT FILING DATE: 2002-09-18
: PRIOR APPLICATION NUMBER: ECT/US 02/16840
: PRIOR FILING DATE: 2002-05-29
: PRIOR APPLICATION NUMBER: US 60/318,471
: PRIOR FILING DATE: 2001-09-10
: NUMBER OF SEQ ID NOS: 4666
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 251
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens

```

US-10-238-700-251

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 37.8%; Pred. No. 1.3e+03;  
Matches 6; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 7436 CAATCTGTGTTTAT 7451  
|:|:|:|:|:|:|:  
DB 2 CUAUUCUGUUNUUAU 17

RESULT 2272

US-10-238-700-2758/c  
; Sequence 2758, Application US/10238700  
; Publication No. US20030155521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2758  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2758

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 68 GCGGGGGCGGGCGGC 83  
|:|:|:|:|:|:|:  
DB 16 GCGGGGGCGGGCGGC 1

RESULT 2273

US-10-238-700-2911/c  
; Sequence 2911, Application US/10238700  
; Publication No. US20030153521A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level  
; FILE REFERENCE: 400/057 (MEHB01-1158-A)  
; CURRENT APPLICATION NUMBER: US/10/238,700  
; CURRENT FILING DATE: 2002-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 02/16840  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/318,471  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 4666  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2911  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-238-700-2911

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 36 CTCGAGGCTCGCGGC 51  
|:|:|:|:|:|:|:  
DB 16 CTCGAGGCTCGCGGC 1

RESULT 2274

US-10-339-782-54  
; Sequence 54, Application US/10339782  
; Publication No. US2003016026A1  
; GENERAL INFORMATION:  
; APPLICANT: Lynx Therapeutics, Inc.  
; APPLICANT: Goodman, Laurie J  
; APPLICANT: Bower, Benjamin A  
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells  
; FILE REFERENCE: 37-000110US  
; CURRENT APPLICATION NUMBER: US/10/339,782  
; CURRENT FILING DATE: 2003-01-08  
; NUMBER OF SEQ ID NOS: 495  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 54  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-339-782-54

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 717 ATCCATGAGGTACAC 732  
|:|:|:|:|:|:|:  
DB 2 ATCCATGAGGTACAC 17

RESULT 2275

US-10-230-006-1288  
; Sequence 1288, Application US/10230006  
; Publication No. US20030191077A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Fossnaugh, Kathy  
; APPLICANT: McSwiggen, Jim  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT  
; FILE REFERENCE: 400/056 (MEHB01-1110)  
; CURRENT APPLICATION NUMBER: US/10/230,006  
; CURRENT FILING DATE: 2002-11-18  
; PRIOR APPLICATION NUMBER: US 60/315,315  
; PRIOR FILING DATE: 2001-08-28  
; NUMBER OF SEQ ID NOS: 2678  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1288  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-230-006-1288

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 68.8%; Pred. No. 1.3e+03;  
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6882 GCGTGGGTGTCCTC 6897  
|:|:|:|:|:|:|:  
DB 2 GCGTGGGTGTCCTC 17

RESULT 2276

US-10-209-787-2654  
; Sequence 2654, Application US/10209787  
; Publication No. US20030217377A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4

```
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ CURRENT FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedmann macro Napro4
/ SEQ ID NO: 2654
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-2654

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTCATTGAAGGAA 3715
DB      2 TTTCATTGAAGGAA 17

RESULT 2277
US-10-209-787-2655/c
/ Sequence 2655, Application US/10209787
/ Publication No. US20030217377A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ CURRENT FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedmann macro Napro4
/ SEQ ID NO: 2655
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-2655

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTCATTGAAGGAA 3715
DB      16 TTTCATTGAAGGAA 1

RESULT 2278
US-10-209-787-2658
/ Sequence 2658, Application US/10209787
/ Publication No. US20030217377A1

GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ CURRENT FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedmann macro Napro4
/ SEQ ID NO: 2659
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTCATTGAAGGAA 3715
DB      2 TTTCATTGAAGGAA 17

RESULT 2279
US-10-209-787-2659/c
/ Sequence 2659, Application US/10209787
/ Publication No. US20030217377A1
/ GENERAL INFORMATION:
/ APPLICANT: Kmiec, Eric B.
/ APPLICANT: Gamper, Howard B.
/ APPLICANT: Rice, Michael C.
/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
/ FILE REFERENCE: Napro-4
/ CURRENT APPLICATION NUMBER: US/10/209,787
/ CURRENT FILING DATE: 2002-07-30
/ PRIOR APPLICATION NUMBER: US 09/818,875
/ PRIOR FILING DATE: 2001-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,176
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/192,179
/ PRIOR FILING DATE: 2000-03-27
/ PRIOR APPLICATION NUMBER: US 60/208,538
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/244,989
/ PRIOR FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 4385
/ SOFTWARE: Friedmann macro Napro4
/ SEQ ID NO: 2659
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-209-787-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3700 TTTCATTGAAGGAA 3715
DB      2 TTTCATTGAAGGAA 17
```

```
Db      16 TTGGATTGAGGAA 1

RESULT 2280
US-10-209-787-2662
; Sequence 2662, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2662

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3700 TTTCATTGAGGAA 3715
Db      2 TTGGATTGAGGAA 17

RESULT 2281
US-10-209-787-2663/C
; Sequence 2663, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2663

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4222 TTCTCTGTGCAGATA 4237
Db      17 TGCCTGTGCAGATA 2

RESULT 2283
US-10-307-005-1367
; Sequence 1367, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1367
; LENGTH: 17

RESULT 2282
US-10-297-068-622/C
; Sequence 622, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-622

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4222 TTCTCTGTGCAGATA 4237
Db      17 TGCCTGTGCAGATA 2

RESULT 2283
US-10-307-005-1367
; Sequence 1367, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1367
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Mesembryanthemum crystallinum
US-10-307-005-1367

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 852 CAACATTGATGCTCA 867
DB 1 CAACATTGATGCTCA 16

RESULT 2284
US-10-307-005-1368/c
; Sequence 1368, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Using Modified Single Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mesembryanthemum crystallinum
US-10-307-005-1368

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 852 CAACATTGATGCTCA 867
DB 17 CAACATTGATGCTCA 2

RESULT 2285
US-10-261-185-2654
; Sequence 2654, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
```

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; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2654

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCGATTGAAGGAA 3715
DB 2 TTTCGATTGAAGGAA 17

RESULT 2286
US-10-261-185-2655/c
; Sequence 2655, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2655

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3700 TTTCGATTGAAGGAA 3715
DB 16 TTTCGATTGAAGGAA 1

RESULT 2287
US-10-261-185-2658
; Sequence 2658, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
```

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; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2658
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2658

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3700 TTTCATTGAAGGAA 3715
Db      2 TTTCATTGAAGGAA 17

RESULT 2288
US-10-261-185-2659/C
; Sequence 2659, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2659
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2659

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3700 TTTCATTGAAGGAA 3715
Db      16 TTTCATTGAAGGAA 1

RESULT 2289
US-10-261-185-2662
; Sequence 2662, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2662
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2662

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3700 TTTCATTGAAGGAA 3715
Db      16 TTTCATTGAAGGAA 1

RESULT 2290
US-10-261-185-2663/C
; Sequence 2663, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2663

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3700 TTTCATTGAAGGAA 3715
Db      16 TTTCATTGAAGGAA 1
```

```
RESULT 2291
US-10-138-674-1264
; Sequence 1264, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1264
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1264

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCTTAAGTGG 3981
||:||||:||||:|
Db 2 AAUUAUUCUAAUUGG 17

RESULT 2292
US-10-138-674-1265
; Sequence 1265, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1265
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1265

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 1.3e+03;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3967 AATATTTCTTAAGTGG 3982
||:||||:||||:|
Db 1 AAUUAUUCUAAUUGG 16

RESULT 2293
US-10-138-674-1409/c
; Sequence 1409, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1409

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3324 GATGTTTAAAGGTTT 3339
|||||
Db 16 GATGTTTAAAGGTTT 1

RESULT 2294
US-10-138-674-8361/c
; Sequence 8361, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8361
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8361

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3326 TGTTTTAAAGGTTCA 3341
|||||
Db 17 TGTTTTAAAGGTTCA 2

RESULT 2295
US-10-676-154-675
; Sequence 675, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
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;; PRIOR FILING DATE: 1999-09-24  
;; NUMBER OF SEQ ID NOS: 691  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 675  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo Sapiens  
US-10-676-154-675

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7333 TTGAGCTGTAACCTTG 7348  
Db 1 TTGTGCTGTACCTTG 16

RESULT 2296  
US-10-287-949A-1264  
;; Sequence 1264, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287,949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1264  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-1264

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 1.3e+03;  
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3966 AATATTTCTTACTGCG 3981  
Db 2 AAUAAUUCUUAUUGG 17

RESULT 2297  
US-10-287-949A-1265  
;; Sequence 1265, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287,949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1265  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-1265

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 1.3e+03;  
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 3967 ATATTTCTTACTGCG 3982  
Db 1 AAUAAUUCUUAUUGG 16

RESULT 2298  
US-10-287-949A-1409/c  
;; Sequence 1409, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287,949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 1409  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-1409

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3324 GATGTTTAAATGCGTT 3339  
Db 16 GATGTTTAAATGCGTT 1

RESULT 2299  
US-10-287-949A-8361/c  
;; Sequence 8361, Application US/10287949A  
;; Publication No. US20040102389A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Pavco, Pam  
;; APPLICANT: McSwigen, Jim  
;; APPLICANT: Stinchcomb, Dan  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
;; FILE REFERENCE: MHB00-876-N (400/049)  
;; CURRENT APPLICATION NUMBER: US/10/287,949A  
;; CURRENT FILING DATE: 2003-04-11  
;; NUMBER OF SEQ ID NOS: 20822  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 8361  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-10-287-949A-8361

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3326 TGTTTAAATGCGTTCA 3341  
Db 17 TGTTTAAATGCGTTCA 2

RESULT 2300  
US-10-712-672-169  
Sequence 169, Application US/10712672  
Publication No. US20040102413A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Chowrira, Bharat  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
FILE REFERENCE: MBH00-882-C (400/019)  
CURRENT FILING DATE: 2003-11-13  
PRIOR APPLICATION NUMBER: US/10/712,672  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 60/197,769  
PRIOR FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/150,713  
PRIOR FILING DATE: 1999-08-31  
NUMBER OF SEQ ID NOS: 5586  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 169  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-712-672-169

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 56.2%; Pred. No. 1.3e+03;  
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 7335 TGAGCTGTACCTTCTC 7350  
DB 1 UGACGUGACUUGUC 16

RESULT 2301  
US-10-712-672-997  
Sequence 997, Application US/10712672  
Publication No. US20040102413A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Chowrira, Bharat  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
FILE REFERENCE: MBH00-882-C (400/019)  
CURRENT FILING DATE: 2003-11-13  
PRIOR APPLICATION NUMBER: US/10/712,672  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 60/197,769  
PRIOR FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/150,713  
PRIOR FILING DATE: 1999-08-31  
NUMBER OF SEQ ID NOS: 5586  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 997  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-712-672-997

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 1.3e+03;  
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 3462 TGACGACATCCAGCC 3477  
DB 1 UGACGACCCUCCAGCC 16

RESULT 2302

US-10-712-672-2014/c  
Sequence 2014, Application US/10712672  
Publication No. US20040102413A1  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Chowrira, Bharat  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme  
FILE REFERENCE: MBH00-882-C (400/019)  
CURRENT FILING DATE: 2003-11-13  
PRIOR APPLICATION NUMBER: US/10/712,672  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 60/197,769  
PRIOR FILING DATE: 2000-04-14  
PRIOR APPLICATION NUMBER: 60/150,713  
PRIOR FILING DATE: 1999-08-31  
NUMBER OF SEQ ID NOS: 5586  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2014  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-10-712-672-2014

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5642 GGGGAGCCCCAGCCT 5657  
DB 16 GGGGAGCCCCCGCCT 1

RESULT 2303  
US-10-669-841-4588/c  
Sequence 4588, Application US/10669841  
Publication No. US20040127446A1  
GENERAL INFORMATION:  
APPLICANT: Sirna Therapeutics, Inc.  
APPLICANT: Lawrence, Blatt  
APPLICANT: Dennis, Macejak  
APPLICANT: James, McSwiggen  
APPLICANT: David, Morrissey  
APPLICANT: Pamela, Pavco  
APPLICANT: Patricia, Lee  
APPLICANT: Kenneth, Draper  
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA  
FILE REFERENCE: 400/042US (MBH02-249-E)  
CURRENT FILING DATE: US/10/669,841  
CURRENT FILING DATE: 2003-09-23  
PRIOR APPLICATION NUMBER: PCT/US02/09187  
PRIOR FILING DATE: 2002-03-26  
PRIOR APPLICATION NUMBER: US 60/296,876  
PRIOR FILING DATE: 2001-06-08  
PRIOR APPLICATION NUMBER: US 60/335,059  
PRIOR FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: US 60/337,055  
PRIOR FILING DATE: 2001-12-05  
PRIOR APPLICATION NUMBER: US 60/358,580  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: US 60/363,124  
PRIOR FILING DATE: 2002-03-11  
PRIOR APPLICATION NUMBER: US 09/817,879  
PRIOR FILING DATE: 2001-03-26  
PRIOR APPLICATION NUMBER: US 09/740,332  
PRIOR FILING DATE: 2000-12-18  
PRIOR APPLICATION NUMBER: US 09/611,931  
PRIOR FILING DATE: 2000-07-07  
PRIOR APPLICATION NUMBER: US 09/504,321

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/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 4588
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-4588

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGCATTCACCAG 5256
Db      17 TCCAGCATTCACCAG 2

RESULT 2304
US-10-669-841-5153
/ Sequence 5153, Application US/10669841
/ Publication No. US20040127446A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirta Therapeutics, Inc.
/ APPLICANT: Lawrence, Blatt
/ APPLICANT: Dennis, Macejak
/ APPLICANT: James, McSwiggen
/ APPLICANT: David, Morrissey
/ APPLICANT: Pamela, Pavco
/ APPLICANT: Patrice, Lee
/ APPLICANT: Kenneth, Draper
/ APPLICANT: Elisabeth, Roberts
/ TITLE OR INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
/ FILE REFERENCE: 400/042US (MBH02-249-E)
/ CURRENT APPLICATION NUMBER: US/10/669,841
/ PRIOR FILING DATE: 2003-09-23
/ PRIOR APPLICATION NUMBER: PCT/US02/09187
/ PRIOR FILING DATE: 2002-03-26
/ PRIOR APPLICATION NUMBER: US 60/296,876
/ PRIOR FILING DATE: 2001-06-08
/ PRIOR APPLICATION NUMBER: US 60/335,059
/ PRIOR FILING DATE: 2001-10-24
/ PRIOR APPLICATION NUMBER: US 60/337,055
/ PRIOR FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: US 60/350,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 09/817,879
/ PRIOR FILING DATE: 2001-03-26
/ PRIOR APPLICATION NUMBER: US 09/740,332
/ PRIOR FILING DATE: 2000-12-18
/ PRIOR APPLICATION NUMBER: US 09/611,931
/ PRIOR FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: US 09/504,321
/ PRIOR FILING DATE: 2000-02-15
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 16207
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 5153
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
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/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION:
/ OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5153

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.3e+03;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      5241 TCCAGCATTCACCAG 5256
Db      2 UCCAGCATTCACCAG 17

RESULT 2305
US-10-723-361-2192/C
/ Sequence 2192, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OR INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 2192
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-2192

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 CAGCAGGTGTTCCAGG 280
Db      17 CAGCAGGTGTTCCAGG 2

RESULT 2306
US-10-723-361-2193/C
/ Sequence 2193, Application US/10723361
/ Publication No. US20040137589A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO: 2193
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-2193

Query Match          0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 CACGAGGTGTTCCAGG 280
DB      16 CACGAGGTGTTCCAGG 1

RESULT 2307
US-10-723-361-2668/c
/ Sequence 2668, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
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/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO: 2669
/ LENGTH: 17
/ TYPE: DNA

QY      3878 CCCGCCGCCGCGT 3893
DB      17 CCCGCCGCCGCGT 2

RESULT 2308
US-10-723-361-2669/c
/ Sequence 2669, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: HANZEL, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO: 2669
/ LENGTH: 17
/ TYPE: DNA
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; ORGANISM: Homo sapiens
US-10-723-361-2669

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3878 CCGCGCCGCCGAGCT 3893
Db      16 CCGCGCCGCCGAGCT 1

RESULT 2309
US-10-723-361-7981/c
; Sequence 7981, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7981
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7981

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4951 TTTTTCCTGCTGAGCT 4966
Db      17 TGTTCCTGCTGAGCT 2

RESULT 2310
US-10-723-361-7982/c
; Sequence 7982, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7982
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-7982

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4951 TTTTTCCTGCTGAGCT 4966
Db      16 TGTTCCTGCTGAGCT 1

RESULT 2311
US-10-735-592-2
; Sequence 2, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Atc, Krieg
; APPLICANT: Joerg, Volmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.7003US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-2

Query Match      0.2%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4463 CTTTTCCTGCTGAGCT 4478
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Db 2 CGTTTTTTTTTTTTTT 17

RESULT 2312  
US-10-735-592-9/c  
; Sequence 9, Application US/10735592  
; Publication No. US20040171571A1  
; GENERAL INFORMATION:  
; APPLICANT: Art, Krieg  
; APPLICANT: Joerg, Vollmer  
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use  
; FILE REFERENCE: C1037.70038US01  
; CURRENT APPLICATION NUMBER: US/10/735,592  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 9  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-735-592-9

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4469 TTTTGTG 4484  
17 TTTTGTG 2

RESULT 2313  
US-10-735-592-15  
; Sequence 15, Application US/10735592  
; Publication No. US20040171571A1  
; GENERAL INFORMATION:  
; APPLICANT: Art, Krieg  
; APPLICANT: Joerg, Vollmer  
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use  
; FILE REFERENCE: C1037.70038US01  
; CURRENT APPLICATION NUMBER: US/10/735,592  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 15  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-735-592-15

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTGTG 4478  
2 CGTTTTTTTTTTTTTT 17

RESULT 2314  
US-10-735-592-16  
; Sequence 16, Application US/10735592  
; Publication No. US20040171571A1  
; GENERAL INFORMATION:  
; APPLICANT: Art, Krieg  
; APPLICANT: Joerg, Vollmer  
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use  
; FILE REFERENCE: C1037.70038US01

; CURRENT APPLICATION NUMBER: US/10/735,592  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 16  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-735-592-16

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTGTG 4478  
2 CGTTTTTTTTTTTTTT 17

RESULT 2315  
US-10-735-592-25  
; Sequence 25, Application US/10735592  
; Publication No. US20040171571A1  
; GENERAL INFORMATION:  
; APPLICANT: Art, Krieg  
; APPLICANT: Joerg, Vollmer  
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use  
; FILE REFERENCE: C1037.70038US01  
; CURRENT APPLICATION NUMBER: US/10/735,592  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 25  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-735-592-25

Query Match 0.2%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.3e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTGTG 4478  
2 CGTTTTTTTTTTTTTT 17

RESULT 2316  
US-10-735-592-48  
; Sequence 48, Application US/10735592  
; Publication No. US20040171571A1  
; GENERAL INFORMATION:  
; APPLICANT: Art, Krieg  
; APPLICANT: Joerg, Vollmer  
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use  
; FILE REFERENCE: C1037.70038US01  
; CURRENT APPLICATION NUMBER: US/10/735,592  
; CURRENT FILING DATE: 2003-12-11  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 48  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-735-592-48

Query Match 0.2%; Score 14.4; DB 1; Length 17;

```

Best Local Similarity 6.2%; Ped No. 1.3e+03;
Matches 1; Conservative 14; Mismatches 1; Indels 0; Gaps 0.
QY 4463 CTTTTTTTTTTTTT 4478
   | :::::::::::::::
Db 2 CGUUUUUUUUUUUU 17

```

```

RESULT 2317
US-10-735-592-54
: Sequence 54, Application US/10735592
: Publication No. US20040171571A1
GENERAL INFORMATION:
APPLICANT: Art, Kieleg
APPLICANT: JOERG, Volmer
TITLE OF INVENTION: 5 CFG Nucleic Acids and Methods of Use
FILE REFERENCE: C1037, 70038501
CURRENT APPLICATION NUMBER: US/10/735,592
CURRENT FILING DATE: 2003-12-11
NUMBER OF SEQ ID NOS: 69
SOFTWARE: PatentIn version 3.2
SEQ ID NO 54
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-54

```

Query Match	0.2%	Score 14.4	DB 1	Length 17
Best Local Similarity	93.8%	Pred. No. 1.3e+03		
Matches 15	Conservative 0	Mismatches 1	Indels 0	Gaps 0
Qy	4463	CTTTTTTTTTTTTTTTT	4478	
Db	2	CGTTTTTTTTTTTTTTT	17	

```

RESULT 2318
US-10-681-074-2654
: Sequence 2654, Application US/10681074
: Publication No. US20040175722A1
: GENERAL INFORMATION:
: APPLICANT: KMEC, ERIC B.
: APPLICANT: VAN BRABANT, ANJA
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
: TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
: FILE REFERENCE: NaPro-18 US
: CURRENT APPLICATION NUMBER: US/10/681,074
: CURRENT FILING DATE: 2003-10-07
: PRIOR APPLICATION NUMBER: US 60/453,360
: PRIOR FILING DATE: 2003-03-07
: PRIOR APPLICATION NUMBER: US 60/416,983
: PRIOR FILING DATE: 2002-10-07
: NUMBER OF SEQ ID NOS: 4375
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 2654
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-681-074-2654

```

	Query Match	Similarity	Score	DB 1	Length
Best Local	15	93.8%	Pred. No. 1.3e+03	17	
Matches	15	Conservative	0	Mismatches	1
				Indels	0
				Gaps	0
Qy	3700	TTTGCATTGGAAGAA	3715		
db	2	TTTGCATTGGAAGAA	17		

RESULT 2319  
US-10-681-074-2655/c

```

? Sequence 2655, Application US/10681074
? Publication No. US20040175722A1
? GENERAL INFORMATION:
? APPLICANT: KITEC, ERIC B.
? APPLICANT: VAN BREKANT, ANJA
? TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
? TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
? FILE REFERENCE: NApo-18 US
? CURRENT APPLICATION NUMBER: US/10/681,074
? CURRENT FILING DATE: 2003-10-07
? PRIOR APPLICATION NUMBER: US 60/453,360
? PRIOR FILING DATE: 2003-03-07
? PRIOR APPLICATION NUMBER: US 60/416,983
? PRIOR FILING DATE: 2002-10-07
? NUMBER OF SEQ ID NOS: 4375
? SOFTWARE: PatentIn version 3.2
? SEQ ID NO 2655
? LENGTH: 17
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-10-681-074-2655

```

Query Match	0.2%	Score 14.4	DB 1	Length 17
Best Local Similarity	93.8%	Pred. No. 1.3e+03		
Matches 15	Conservative 0	Mismatches 1	Indels 0	Gaps 0
OY	3700	TTTGCAATTGAAGGAA	3715	
db	16	TTTGCAATTGAAGGAA	1	

```

RESULT 2320
US-10-681-074-2658
Sequence 2658. Application US/10661074
Publication No. US20040175722A1
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
FILE REFERENCE: Napro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2658
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2658

```

	Query Match	0.2%	Score 14.4;	DB 1	Length 17;
	Best Local Similarity	93.8%	Pred. -1.3e+03;		
	Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
OY	3700	TTTGCAATTGGAAGGAA	3715		
Db	2	TTTGCAATTGGAAGGAA	17		

RESULT 2321  
 US-10-681-074-2659/c  
 ; Sequence 2659, Application US/10681074  
 ; Publication No. US20040175722A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KMEC, ERIC B.  
 ; APPLICANT: VAN BREKANT, ANJA  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

```
FILE REFERENCE: Napro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 2659
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2659

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 16 TTGGATTGAAGAA 1

RESULT 2322
US-10-681-074-2662
Sequence 2662, Application US/10681074
Publication No. US20040175722A1
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: Napro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 2662
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2662

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 2 TTGGATTGAAGAA 17

RESULT 2323
US-10-681-074-2663/c
Sequence 2663, Application US/10681074
Publication No. US20040175722A1
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: Napro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
```

```
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 2663
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2663

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3700 TTGCATTGAAGAA 3715
Db 16 TTGGATTGAAGAA 1

RESULT 2324
US-09-735-787-28
Sequence 28, Application US/09735787
Patent No. US20010036910A1
GENERAL INFORMATION:
APPLICANT: Rasmussen, Grethe
Mikkelsen, Jan Moller
Schulein, Martin
Pakkar, Shankant A.
Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
Endoglucanase Enzyme
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSER: NO. US20010036910A10 NO. US20010036910A1disk of NO. US200100369
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/735,787
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/189,028
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Lambitig, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469,214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-735-787-28

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1132 GCACGATTTCAAGC 1147
Db 3 GCACATTTTCAAGC 18
```

```
RESULT 2325
US-09-942-588A-64
; Sequence 64, Application US/09942588A
; Patent No. US2002010667A1
; GENERAL INFORMATION:
; APPLICANT: Canon INC.
; TITLE OF INVENTION: Screening method for gene variation
; FILE REFERENCE: CRO 15717
; CURRENT APPLICATION NUMBER: US/09/942,588A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 2000-263396
; NUMBER OF SEQ ID NOS: 67
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-588A-64

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
Db 1 GATGGTCTCTTGTTC 16

RESULT 2326
US-09-764-420A-65
; Sequence 65, Application US/09764420A
; Patent No. US20020115072A1
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadaashi
; APPLICANT: Yamamoto, No. US20020115072A1uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-65

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
Db 1 GATGGTCTCTTGTTC 16

RESULT 2327
US-09-764-420A-65
; Sequence 65, Application US/09764420A
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; Publication No. US20030198952A9
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadaashi
; APPLICANT: Yamamoto, No. US20030198952A9uko
; APPLICANT: Suzuki, Tomohiro
; TITLE OF INVENTION: Probe Bound Substrate, Process For
; TITLE OF INVENTION: Manufacturing Same, Probe Array, Method Of
; TITLE OF INVENTION: Detecting Target Substance, Method Of
; TITLE OF INVENTION: Specifying Nucleotide Sequence Of Single-
; TITLE OF INVENTION: Stranded Nucleic Acid In Sample, And
; TITLE OF INVENTION: Quantitative Determination Of Target Substance
; FILE REFERENCE: 35C.15258
; CURRENT APPLICATION NUMBER: US/09/764,420A
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Probe Sequence
US-09-764-420A-65

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
Db 1 GATGGTCTCTTGTTC 16

RESULT 2328
US-09-969-373-2922/C
; Sequence 2922, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Haug, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2922
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2922

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6019 TTTTCCACACCTGTCC 6014
Db 18 TTCTCCACACCTGTCC 3

RESULT 2329
US-09-942-596A-64
; Sequence 64, Application US/09942596A
; Patent No. US20020168648A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Canon INC.
; TITLE OF INVENTION: Method of analyzing base sequence of nucleic acid
; FILE REFERENCE: CFO 15718
; CURRENT APPLICATION NUMBER: US/09/942,596A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: JP 263506/2000
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sample oligonucleotide
US-09-942-596A-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGGTCTCTTGTTC 16

RESULT 2330
US-09-988-873A-64
; Sequence 64, Application US/09988873A
; Publication No. US20030027160A1
; GENERAL INFORMATION:
; APPLICANT: Canon Inc.
; TITLE OF INVENTION: Terminal labeled probe array and method of making it
; FILE REFERENCE: CPO15961
; CURRENT APPLICATION NUMBER: US/09/988,873A
; CURRENT FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: JP2000-357446
; PRIOR FILING DATE: 2000-11-24
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthesized
US-09-988-873A-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGGTCTCTTGTTC 16

RESULT 2331
US-09-951-061A-81/c
; Sequence 81, Application US/09951061A
; Publication No. US20030082204A1
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell, Boehnen, Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
```

```

; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER/READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/951,061A
; FILING DATE: 13-SEP-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/354,138
; FILING DATE: 15-JUL-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,657
; FILING DATE: 16-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,962
; FILING DATE: 08-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 23-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,283
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/713,967
; FILING DATE: 11-JUN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07,666,056
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2860
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-951-061A-81

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 93 GCTTGGTAGGGAGC 108
DB 18 GCTTGGTAGGGAGC 3

RESULT 2332
US-09-942-662A-64
; Sequence 64, Application US/09942662A
; Publication No. US20030190612A1
; GENERAL INFORMATION:
```

APPLICANT: Canon INC.  
TITLE OF INVENTION: An assay of many samples for multiple items at the same time  
FILE REFERENCE: 3912041  
CURRENT APPLICATION NUMBER: US/09/942,662A  
CURRENT FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: JP 2000-263395  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: JP 2000-263505  
PRIOR FILING DATE: 2000-08-31  
NUMBER OF SEQ ID NOS: 64  
SEQ ID NO 64  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Sample oligonucleotide  
US-09-942-662A-64

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683  
Db 1 GATGGTCTCTTGTTC 16

RESULT 2333  
US-10-388-360-284  
Sequence 284, Application US/10388360  
Publication No. US20030225528A1  
GENERAL INFORMATION:  
APPLICANT: GENOMIC HEALTH  
APPLICANT: Baker, Joffe B.  
APPLICANT: Cronin, Maureen T.  
APPLICANT: Kiefer, Michael C.  
APPLICANT: Shak, Steve  
APPLICANT: Walker, Michael Graham  
TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSIED TUMOR TISSUES  
FILE REFERENCE: 39740-0001US  
CURRENT APPLICATION NUMBER: US/10/388,360  
CURRENT FILING DATE: 2003-03-12  
PRIOR APPLICATION NUMBER: US 60/412,049  
PRIOR FILING DATE: 2002-09-18  
PRIOR APPLICATION NUMBER: US 60/364,890  
PRIOR FILING DATE: 2002-03-13  
NUMBER OF SEQ ID NOS: 384  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 284  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-388-360-284

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2302 CAGCCTGGATCACTT 2317  
Db 2 CAGCCTGGATCACTT 17

RESULT 2334  
US-10-231-302-64  
Sequence 64, Application US/10231302  
Publication No. US20030082602A1  
GENERAL INFORMATION:  
APPLICANT: Yamamoto, No. US20030082602A1uko  
APPLICANT: Okamoto, Tadashi  
APPLICANT: Suzuki, Tomohiro  
TITLE OF INVENTION: Method for analyzing base sequence of nucleic acid  
FILE REFERENCE: 03500.015203

CURRENT APPLICATION NUMBER: US/10/231,302  
CURRENT FILING DATE: 2002-08-30  
PRIOR APPLICATION NUMBER: PCT/JP00/07244  
PRIOR FILING DATE: 2000-10-18  
NUMBER OF SEQ ID NOS: 74  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 64  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-231-302-64

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683  
Db 1 GATGGTCTCTTGTTC 16

RESULT 2335  
US-10-138-870-28  
Sequence 28, Application US/10138870  
Publication No. US20030119167A1  
GENERAL INFORMATION:  
APPLICANT: Rasmussen, Grethe  
Mikkelsen, Jan Moller  
Schulein, Martin  
Patkar, Shankant A.  
Hagen, Fred

TITLE OF INVENTION: A Cellulase Preparation Comprising an  
Endoglucanase Enzyme

NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. US20030119167A1o No. US20030119167A1disk of No. US20030119167A1  
STREET: 405 Lexington Avenue, 64th Floor  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10174-6401

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/138,870  
FILING DATE: 03-May-2002  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/735,787  
FILING DATE: 13-Dec-2000  
APPLICATION NUMBER: 09/189,028  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J.  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 3469,214-US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: cDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 28:  
US-10-138-870-28

Query Match 0.2%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GCACGATATTTCAGC 1147  
|||||

DB 3 GCACATATTTCAGC 18

RESULT 2336

US-10-286-628-24  
; Sequence 24, Application US/10286628  
; Publication No. US20030150001A1

; GENERAL INFORMATION:

; APPLICANT: Gould, Michael N.

; TITLE OF INVENTION: Methods of Generating Knock-Out Rodents

; FILE REFERENCE: 960296, 98491

; CURRENT APPLICATION NUMBER: US/10/286,628

; CURRENT FILING DATE: 2002-10-31

; PRIOR APPLICATION NUMBER: 60/335,117

; PRIOR FILING DATE: 2001-10-31

; NUMBER OF SEQ ID NOS: 42

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 24

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

US-10-286-628-24

Query Match 0.2%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GCACGATATTTCAGC 1147  
|||||

DB 3 GCACATATTTCAGC 18

RESULT 2337

US-10-286-628-33

; Sequence 33, Application US/10286628

; Publication No. US20030150001A1

; GENERAL INFORMATION:

; APPLICANT: Gould, Michael N.

; TITLE OF INVENTION: Methods of Generating Knock-Out Rodents

; FILE REFERENCE: 960296, 98491

; CURRENT APPLICATION NUMBER: US/10/286,628

; CURRENT FILING DATE: 2002-10-31

; PRIOR APPLICATION NUMBER: 60/335,117

; PRIOR FILING DATE: 2001-10-31

; NUMBER OF SEQ ID NOS: 42

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 33

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

US-10-286-628-33

Query Match 0.2%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1132 GCACGATATTTCAGC 1147  
|||||

DB 3 GCACATATTTCAGC 18

RESULT 2338

US-10-084-839-2939

; Sequence 2939, Application US/10084839

; Publication No. US20030186238A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allawi, Hatim

; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.

; APPLICANT: Chenak, LuAnne

; APPLICANT: Curtis, Michelle L.

; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.

; APPLICANT: ID, Hon S.

; APPLICANT: Ji, Lin

; APPLICANT: Kaiser, Michael

; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.

; APPLICANT: Lyamichov, Victor

; APPLICANT: Lymancheva, Natalie E.

; APPLICANT: Ma, Wubo

; APPLICANT: Neri, Bruce P.

; APPLICANT: Olson, Sarah M.

; APPLICANT: Olson-Munoz, Marilyn C.

; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew

; APPLICANT: Takova, Teetska Y.

; APPLICANT: Thompson, Lisa C.

; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays

; FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839

; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2939

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-084-839-2939

Query Match 0.2%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAG 4028  
|||||

DB 1 AAATGAGAAAAAGAG 16

RESULT 2339

US-10-108-260A-5433/c

; Sequence 5433, Application US/10108260A

; Publication No. US20040005560A1

; GENERAL INFORMATION:

; APPLICANT: HELIX RESEARCH INSTITUTE

; TITLE OF INVENTION: No. US20040005560A1 full length cDNA

; FILE REFERENCE: H1-A0106

; CURRENT APPLICATION NUMBER: US/10/108,260A

; CURRENT FILING DATE: 2002-03-27

; NUMBER OF SEQ ID NOS: 5458

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5433

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p

US-10-108-260A-5433

Query Match 0.2%; Score 14.4; DB 1; Length 18;

Best Local Similarity 93.8%; Pred. No. 1.4e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6345 ACATTAAGCCGAGAA 6360  
Db 16 ACATTAAGCCGAGAA 1

RESULT 2340  
US-10-349-143-4233/c  
; Sequence 4233, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSER.020CP1  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; PRIOR FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4233  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-14090 for SEQ 299,  
US-10-349-143-4233

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5651 CCAGCTTCATCTCTT 5666  
Db 18 CCAGCTTCATCTCTT 3

RESULT 2341  
US-10-349-143-5292  
; Sequence 5292, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSER.020CP1  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5292  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:

; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-2328 for SEQ 1358,  
US-10-349-143-5292

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6322 CTGTGCTGGGAATT 6337  
Db 2 CTGTGCTGGGAATT 17

RESULT 2342  
US-10-349-143-9599  
; Sequence 9599, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSER.020CP1  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 9599  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-6038 for SEQ 1734, in complement  
US-10-349-143-9599

Query Match 0.2%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1761 TATGTGATCTGCGCA 1776  
Db 1 TATGTGATCTGCGCA 16

RESULT 2343  
US-10-349-143-11161/c  
; Sequence 11161, Application US/10349143  
; Publication No. US20040005584A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSER.020CP1  
; CURRENT APPLICATION NUMBER: US/10/349,143  
; CURRENT FILING DATE: 2003-01-21  
; PRIOR APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732  
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

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/ PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11161
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-3045 for SEQ 3296, in compleme
US-10-349-143-11161

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2419 ACCACATCACCACC 2434
DB 16 ACCACATCACCACC 1

RESULT 2344
US-10-608-804-64
/ Sequence 64, Application US/10608804
/ Publication No.: US20040014124A1
/ GENERAL INFORMATION:
/ APPLICANT: Yamamoto, No. US20040014124A1uko
/ APPLICANT: Okamoto, Tadaehi
/ APPLICANT: Shimizu, Satoshi
/ APPLICANT: Suzuki, Tomohiro
/ TITLE OF INVENTION: Method for Examining Reactivity and Method for Detecting a Comple
/ FILE REFERENCE: 03500.015716.1
/ CURRENT APPLICATION NUMBER: US/10/608,804
/ PRIOR FILING DATE: 2003-06-30
/ PRIOR APPLICATION NUMBER: US/09/942,662
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: JP 2000-263395
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: JP 2000-263505
/ PRIOR FILING DATE: 2000-08-31
/ NUMBER OF SEQ ID NOS: 64
/ SEQ ID NO 64
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Sample oligonucleotide
US-10-608-804-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGTCTCTTGTTC 16

RESULT 2345
US-10-206-618-36/c
/ Sequence 36, Application US/10206618
/ Publication No. US20040018497A1
/ GENERAL INFORMATION:
/ APPLICANT: Warden, Craig H.
/ TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND
/ TITLE OF INVENTION: POLYPEPTIDE SEQUENCES AND METHODS OF USE THEREOF
/ FILE REFERENCE: 220002064100
/ CURRENT APPLICATION NUMBER: US/10/206,618
/ CURRENT FILING DATE: 2002-07-26
/ NUMBER OF SEQ ID NOS: 43
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 36
/ LENGTH: 18

/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-206-618-36

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2934 AGAGTGGGACACGCG 2949
DB 17 AGAGTGGGACACGCG 2

RESULT 2346
US-10-634-510-64
/ Sequence 64, Application US/10634510
/ Publication No. US20040018552A1
/ GENERAL INFORMATION:
/ APPLICANT: Canon Inc.
/ TITLE OF INVENTION: Terminal labelled probe array and method of making it
/ FILE REFERENCE: CP015961
/ CURRENT APPLICATION NUMBER: US/10/634,510
/ CURRENT FILING DATE: 2003-08-04
/ PRIOR APPLICATION NUMBER: JP2000-357446
/ PRIOR FILING DATE: 2000-11-24
/ NUMBER OF SEQ ID NOS: 65
/ SEQ ID NO 64
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Synthesized
US-10-634-510-64

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5668 GTTGGTCTCTTGTTC 5683
DB 1 GATGGTCTCTTGTTC 16

RESULT 2347
US-10-773-951-102
/ Sequence 102, Application US/10773951
/ Publication No. US20040157255A1
/ GENERAL INFORMATION:
/ APPLICANT: Agus, David
/ APPLICANT: Shak, Steven
/ APPLICANT: Cronin, Maureen
/ APPLICANT: Baker, Joffre
/ TITLE OF INVENTION: Gene Expression Markers for Response to
/ TITLE OF INVENTION: EGFR Inhibitor Drugs
/ FILE REFERENCE: 39740/0009
/ CURRENT APPLICATION NUMBER: US/10/773,951
/ CURRENT FILING DATE: 2004-02-06
/ PRIOR APPLICATION NUMBER: 60/445,968
/ PRIOR FILING DATE: 2003-02-06
/ NUMBER OF SEQ ID NOS: 108
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 102
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: reverse primer
US-10-773-951-102

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 2302 CAGCTGGAGTCACTT 2317  
Db 2 CAGCTGGAGTCACTT 17

RESULT 2348  
US-10-206-705-68/c  
; Sequence 68, Application US/10206705  
; Publication No. US20040019001A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphatase  
; FILE REFERENCE: 900/035 (MBH02-738)  
; CURRENT APPLICATION NUMBER: US/10/206,705  
; CURRENT FILING DATE: 2002-07-26  
; NUMBER OF SEQ ID NOS: 388  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 68  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense  
US-10-206-705-68

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3932 TTTTCTCCTTGATGG 3947  
Db 17 TTTTCTCCTTGATGG 2

RESULT 2349  
US-10-206-705-253  
; Sequence 253, Application US/10206705  
; Publication No. US20040019001A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceutical, Inc.  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphatase  
; FILE REFERENCE: 900/035 (MBH02-738)  
; CURRENT APPLICATION NUMBER: US/10/206,705  
; CURRENT FILING DATE: 2002-07-26  
; NUMBER OF SEQ ID NOS: 388  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 253  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-206-705-253

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 43.8%; Pred. No. 1.4e+03;  
Matches 7; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Qy 3932 TTTTCTCCTTGATGG 3947  
Db 3 UUUUCUCCUGAGUG 18

RESULT 2350  
US-09-901-484A-418  
; Sequence 418, Application US/09901484A  
; Patent No. US20020119460A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
APPLICANT: Bougueleret, Lydie  
TITLE OF INVENTION: Prostate Cancer Gene  
FILE REFERENCE: GEN-711XC3D2  
CURRENT APPLICATION NUMBER: US/09/901,484A  
CURRENT FILING DATE: 2001-07-09  
PRIOR APPLICATION NUMBER: US 08/996,306  
PRIOR FILING DATE: 1997-12-22  
PRIOR APPLICATION NUMBER: US 60/099,658  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: US 09/218,207  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: US 09/338,907  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: US 09/853,526  
PRIOR FILING DATE: 2001-05-11  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 418  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)..(19)  
OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332  
US-09-901-484A-418

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 312 GAAACCAATCAGCTC 327  
Db 1 GAAACCAATCAGCTC 16

RESULT 2351  
US-09-853-526-418  
; Sequence 418, Application US/09853526  
; Patent No. US20020165345A1  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Ilya, Chumakov  
; APPLICANT: Bougueleret, Lydie  
; TITLE OF INVENTION: PROSTATE CANCER GENE  
; FILE REFERENCE: GENSET.18C1CP  
; CURRENT APPLICATION NUMBER: US/09/853,526  
; CURRENT FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: 09/338,907  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 08/996,306  
; PRIOR FILING DATE: 1997-12-22  
; PRIOR APPLICATION NUMBER: 60/099,658  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 09/218,207  
; PRIOR FILING DATE: 1998-12-22  
; NUMBER OF SEQ ID NOS: 578  
; SOFTWARE: Patent .pm  
; SEQ ID NO 418  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..15  
; OTHER INFORMATION: downstream amplification primer for SEQ 255, SEQ 332  
US-09-853-526-418

Query Match 0.2%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 1.4e+03;

```

NAME: SADOFF, B. J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-10-453-792-48

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1,4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4722 GCCCAGGCTTGAGGC 4737
Db      2 GCACAGGCTTGAGGC 17

RESULT 2354
US-10-333-429-445
; Sequence 445, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent .pm
; SEQ ID NO 445
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-44259 for SEQ 103, in compleme
US-10-333-429-445

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1,4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      3268 AGATTGTTTAAGAG 3283
Db      1 AGATTGTTGAAGAG 16

RESULT 2355
US-10-138-316-69/C
; Sequence 69, Application US/10138316
; Publication No. US20030054380A1
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanginetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN IOT GENE

```

```
; FILE REFERENCE: 2323-162
; CURRENT APPLICATION NUMBER: US/10/138,316
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 09/444,295
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-138-316-69
```

```
Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3020 GTCCATCTGGCCCTG 3035
Db      17  GTCCACCTGGCCCTG 2
```

```
RESULT 2356
US-10-071-179-117
; Sequence 117, Application US/100711179
; Publication No. US20030108882A1
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
; FILE REFERENCE: GENSET.031A
; CURRENT APPLICATION NUMBER: US/10/071,179
; CURRENT FILING DATE: 2002-02-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/345,882
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 117
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 5-143-101.misl
US-10-071-179-117
```

```
Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3627 GGGGGTGGGAGGAG 3642
Db      1  GGGGGTGGGAGGAG 16
```

```
RESULT 2357
US-10-126-704-117
; Sequence 117, Application US/10126704
```

```
; Publication No. US20030170647A1
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
; FILE REFERENCE: 44.US.01V
; CURRENT APPLICATION NUMBER: US/10/126,704
; CURRENT FILING DATE: 2002-04-20
; PRIOR APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 117
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 5-143-101.misl
US-10-126-704-117
```

```
Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      3627 GGGGGTGGGAGGAG 3642
Db      1  GGGGGTGGGAGGAG 16
```

```
RESULT 2358
US-10-368-643-69/c
; Sequence 69, Application US/10368643
; Publication No. US20030170708A1
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curtan, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-163
; CURRENT APPLICATION NUMBER: US/10/368,643
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 09/597,731
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: US 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: US 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: US 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: US 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: US 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: Patentn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-368-643-69
```

```
Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

OY      3020 GTACATCTGCGCCCTG 3035
      ||||| ||||| ||||| |||||
Db      17 GTACACCTGCGCCCTG 2

RESULT 2359
US-10-260-150-45
; Sequence 45, Application US/10260150
; Publication No. US20030180746A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: POLYMORPHISM DETECTION AND SEPARATION
; FILE REFERENCE: Napro-2.1 US
; CURRENT APPLICATION NUMBER: US/10/260,150
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US02/09691
; PRIOR FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: 60/325,828
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-260-150-45.

Query Match      0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0.

OY      1132 GCACGATTTCAAGC 1147
      ||||| ||||| ||||| |||||
Db      4 GCACGATTTCAAGC 19

RESULT 2360
US-10-331-907-54
; Sequence 54, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriam, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhve
; STREET: 1100 No. US20030181660A1e Glabe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A

```

```

      FILING DATE: 14-Feb-2001
      APPLICATION NUMBER: PCT/GB98/01102
      FILING DATE: 15-APR-1998
      APPLICATION NUMBER: US 60/043,553
      FILING DATE: 15-APR-1997
      APPLICATION NUMBER: US 60/048,740
      FILING DATE: 05-JUN-1997
      ATTORNEY/AGENT INFORMATION:
        NAME: B.J.Sadoff
        REGISTRATION NUMBER: 36,663
        REFERENCE/DOCKET NUMBER: 620-81
      TELECOMMUNICATION INFORMATION:
        TELEPHONE: (703)816-4091
        TELEFAX: (703)816-4100
      INFORMATION FOR SEQ ID NO: 54:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 19 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-10-331-907-54

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1852 GTGAAGAACGTGTCATCA 1867
Db      1 GTGCAGAACGTGTCATCA 16

RESULT 2361
US-10-349-143-5006
Sequence 5006, Application US/10349143
Publication No. US2004000584A1
GENERAL INFORMATION:
  APPLICANT: Cohen, Daniel
  APPLICANT: Blumenfeld, Marta
  APPLICANT: Chumakov, Ilya
  TITLE OF INVENTION: Balleleic markers for use in constructing a high density...
  FILE REFERENCE: GENSET.020C01
  CURRENT APPLICATION NUMBER: US/10/349,143
  CURRENT FILING DATE: 2003-01-21
  PRIOR APPLICATION NUMBER: US/09/422,978
  PRIOR FILING DATE: 1999-10-20
  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
  PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
  PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
  PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
  NUMBER OF SEQ ID NOS: 11796
  SEQ ID NO 5006
    LENGTH: 19
    TYPE: DNA
    ORGANISM: Homo Sapiens
  FEATURE:
    NAME/KEY: primer_bind
    LOCATION: 1..19
    OTHER INFORMATION: upstream amplification primer 99-2024 for SEQ 1072,
US-10-349-143-5006

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      3993 ACAAAAACCTTAGG 4008
Db      4 ACATAAAACTCTTTGG 19

RESULT 2362
```

```
US-10-349-143-6457/c
; Sequence 6457, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6457
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-11580 for SEQ 2523.
US-10-349-143-6457

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3269 GATTGTTTAAGAGA 3284
Db      17 GATTGTTTAAGACA 2

RESULT 2363
US-10-349-143-8352
; Sequence 8352, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8352
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-1490 for SEQ 487, in complement
US-10-349-143-8352

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      312 GAACCATCAAGCTC 327
Db      1 GAACCATCAAGCTC 16

RESULT 2364
US-10-280-183A-592
; Sequence 592, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shantu
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 592
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Mouse
; US-10-280-183A-592

Query Match          0.2%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1842 GTGTGTGACGTGAAG 1857
Db      4 GTGTGTGACGTGAAG 19

RESULT 2365
US-09-808-358-18/c
; Sequence 18, Application US/09808358
; Patent No. US20010031471A1
; GENERAL INFORMATION:
; APPLICANT: TOSOH Corporation
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; PRIOR FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to tdh2 or
; OTHER INFORMATION: RNA derived therefrom
US-09-808-358-18

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6682 TTATTTTATTATAT 6697
```

Db 20 TCAATTTTATTTATAT 5

RESULT 2366  
US-09-808-358-44/C  
Sequence 44, Application US/09808358  
Patent No. US20010031471A1  
GENERAL INFORMATION:  
APPLICANT: NIOSH Corporation  
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus  
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same  
FILE REFERENCE: 200-2496  
CURRENT APPLICATION NUMBER: US/09/808,358  
CURRENT FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 48  
SEQ ID NO 44  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: primer  
US-09-808-358-44

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6682 TTATTTTATTTATAT 6697  
Db 20 TCATTTTATTTATAT 5

RESULT 2367  
US-09-193-538-14/C  
Sequence 14, Application US/09193538A  
Patent No. US20020037503A1  
GENERAL INFORMATION:  
APPLICANT: Patricia Billing-Nedel  
APPLICANT: Maurice Cohen  
APPLICANT: Tracey L. Colpitts  
APPLICANT: Paula N. Friedman  
APPLICANT: Julian Gordon  
APPLICANT: Edward N. Granados  
APPLICANT: Steven C. Hodges  
APPLICANT: Michael R. Klase  
APPLICANT: Jon D. Kratochvil  
APPLICANT: Lisa Roberts-Rapp  
APPLICANT: John C. Russell  
APPLICANT: Stephen D. Stroupe  
TITLE OF INVENTION: Reagents and Methods Useful for Detecting Diseases of the  
TITLE OF INVENTION: Breast  
FILE REFERENCE: 6193.US.P1  
CURRENT APPLICATION NUMBER: US/09/193,538A  
CURRENT FILING DATE: 1998-11-17  
EARLIER APPLICATION NUMBER: US 08/971,772  
NUMBER OF SEQ ID NOS: 23  
SOFTWARE: FASTSEQ for Windows Version 3.0  
SEQ ID NO 14  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-193-538-14

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5126 CTACTTCGTGTCTGT 5141  
Db 20 CTACATCGGTCTCT 5

RESULT 2368  
US-09-973-959-2  
Sequence 2, Application US/09973959  
Patent No. US20020068297A1  
GENERAL INFORMATION:  
APPLICANT: HAYNES, BARRON F.  
APPLICANT: SEMOWSKI, GREGORY D.  
APPLICANT: LIAO, HUA-XIN  
TITLE OF INVENTION: ASSAY SYSTEM  
FILE REFERENCE: 1579-617  
CURRENT APPLICATION NUMBER: US/09/973,959  
CURRENT FILING DATE: 2001-10-11  
PRIOR APPLICATION NUMBER: 60/239,092  
PRIOR FILING DATE: 2000-10-11  
NUMBER OF SEQ ID NOS: 3  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-973-959-2

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1687 TATGCACAGGGGCGAG 1702  
Db 2 TATGCACAGGGTGCAG 17

RESULT 2369  
US-09-416-384A-17  
Sequence 17, Application US/09416384A  
Patent No. US20020081584A1  
GENERAL INFORMATION:  
APPLICANT: BLUMENFELD, Marta  
APPLICANT: BOUGUELERET, Lydie  
APPLICANT: CHIMAKOV, Il'ya  
APPLICANT: COHEN, Daniel  
APPLICANT: ESSIOUX, Laurent  
TITLE OF INVENTION: Genes, proteins and diallelic markers related to central....  
FILE REFERENCE: GENSET.045AUS  
CURRENT FILING DATE: 1999-10-12  
CURRENT APPLICATION NUMBER: US/09/416,384A  
PRIOR APPLICATION NUMBER: 60/106,457  
PRIOR FILING DATE: 1999-10-30  
PRIOR APPLICATION NUMBER: 60/103,955  
PRIOR FILING DATE: 1998-10-12  
PRIOR APPLICATION NUMBER: 60/132,277  
PRIOR FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 71  
SOFTWARE: Patent.pm  
SEQ ID NO 17  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide ScgipolyA  
US-09-416-384A-17

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4471 TTTTGTGTC 4486  
Db 1 TTTTGTGTC 16

```
RESULT 2370
US-09-969-373-2962
; Sequence 2962, Application US/09969373
; Patent No. US2002013852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2962
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2962

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2369 ATGAGCAATTGGAA 2384
Db 4 ATGAGAGATTGGAA 19
|||||
|||||

RESULT 2371
US-09-797-779-8
; Sequence 8, Application US/09797779
; Patent No. US2002013767A1
; GENERAL INFORMATION:
; APPLICANT: The University of British Columbia; and QLT Photo Therapeutics Inc.
; TITLE OF INVENTION: SELECTIVE TREATMENT OF ENDOTHELIAL SOMATOSTATIN RECEPTORS
; FILE REFERENCE: 24969-20011.00
; CURRENT APPLICATION NUMBER: US/09/797,779
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: PCT/CA 99/008800
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: CA 2,246,791
; PRIOR FILING DATE: 1998-09-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Human SSTR4 primer
US-09-797-779-8

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4522 AGAAGTGTGTCT 4537
Db 4 AGAAGTGTGTCTCT 19
|||||
|||||

RESULT 2372
US-09-263-959-596
; Sequence 596, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
```

```
APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SRO ID NO: 596:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-596

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6683 TATTTATTTATATA 6698
Db 5 TATTTATTTATATA 20
|||||
|||||

RESULT 2373
US-09-964-261-84
; Sequence 84, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Roessau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: 1GJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-84

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGACCCCGAGCCCT 2732
```

Db 2 GCGGAGCYCCGAGACCCT 19  
|||||:|||||

RESULT 2374  
US-09-824-322B-221/c  
; Sequence 221, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; PRIOR FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 221  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526  
|||||:|||||  
DB 16 TGCAGACTTGAGAG 1

RESULT 2375  
US-09-824-322B-366/c  
; Sequence 366, Application US/09824322B  
; Publication No. US20030022848A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/09/824,322B  
; PRIOR FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 366  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-824-322B-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4511 TGCAGACTGAGAG 4526  
|||||:|||||

Db 18 TGCAGACTTGAGAG 3  
|||||:|||||

RESULT 2376  
US-09-232-785-206  
; Sequence 206, Application US/09232785  
; Publication No. US20030049612A1  
; GENERAL INFORMATION:  
; APPLICANT: International Paper Co.  
; APPLICANT: Ech, Craig S.  
; APPLICANT: Nelson, C. Dana  
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES  
; FILE REFERENCE: 4481/1818U1  
; CURRENT APPLICATION NUMBER: US/09/232,785  
; PRIOR FILING DATE: 1999-01-19  
; PRIOR APPLICATION NUMBER: 09/232,884  
; PRIOR FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 397  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 206  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Pinus taeda L.  
US-09-232-785-206

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4070 TGCAGAAATTGGAGA 4085  
|||||:|||||  
DB 3 TGCAGAAATTGGAGA 18

RESULT 2377  
US-09-784-674-727  
; Sequence 727, Application US/09784674  
; Publication No. US20030054346A1  
; GENERAL INFORMATION:  
; APPLICANT: Shannon, Karen W.  
; Delenstarr, Paul K.  
; Webb, Peter G.  
; Kincaid, Robert H.  
; TITLE OF INVENTION: Methods for evaluating oligonucleotide probe sequences  
; NUMBER OF SEQUENCES: 1165  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSER: Records Manager, Legal Department, Hewlett-Packard Company M/S 2080  
; STREET: 3000 Hanover Street  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/784,674  
; FILING DATE: 15-Feb-2001  
; CLASSIFICATION: No. US20030054346A1 available  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/021,701  
; FILING DATE: 10-FEB-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Choi, Wendy A.  
; REGISTRATION NUMBER: 36,697  
; REFERENCE/DOCKET NUMBER: 10971464-1  
; TELECOMMUNICATION INFORMATION:

```
;
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 727:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 727:
US-09-784-674-727

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5698 TTTTGCTTCTTTC 5713
Db      5 TTTTCCCTTCTTTC 20

RESULT 2378
US-09-865-993-31
; Sequence 31, Application US/09865993
; Publication No. US20030060437A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 5 EXPRESSION
; FILE REFERENCE: RTS-0175
; CURRENT APPLICATION NUMBER: US/09/865,993
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-993-31

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1192 CAAGTTGGCCAGAAC 1207
Db      2 CAAGTTGGCGAGAAC 17

RESULT 2379
US-09-972-473-33/c
; Sequence 33, Application US/09972473
; Publication No. US20030068312A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: NOVEL HUMAN DICKKOPF-RELATED PROTEIN AND NUCLEIC ACID
; FILE REFERENCE: MN1-108CP2
; CURRENT APPLICATION NUMBER: US/09/972,473
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 09/263,022
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: 08/843,704
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: 08/842,898
; PRIOR FILING DATE: 1997-04-17
; PRIOR APPLICATION NUMBER: 60/071,589
; PRIOR FILING DATE: 1998-01-15
; PRIOR APPLICATION NUMBER: 09/009,802
; PRIOR FILING DATE: 1998-01-20
```

```
;
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-972-473-33

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7368 ATCCGACAGCTGTAA 7383
Db      19 ATCCCAACAGCTTTAA 4

RESULT 2380
US-09-296-264-19
; Sequence 19, Application US/09296264
; Publication No. US20030083274A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Alding H.
; APPLICANT: LEE, Yoon S.
; TITLE OF INVENTION: METHODS OF USING SAME TO MODULATE CELL GROWTH
; FILE REFERENCE: 012396-043
; CURRENT APPLICATION NUMBER: US/09/296,264
; CURRENT FILING DATE: 1999-04-22
; EARLIER APPLICATION NUMBER: US 60/082,791
; EARLIER FILING DATE: 1998-04-23
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-296-264-19

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5723 CTTTGCTGCTTCT 5738
Db      1 CATTGCTGCTTCT 16

RESULT 2381
US-10-637-935-16
; Sequence 16, Application US/10637935
; Publication No. US20040033525A1
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. US20040033525A1 volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057E
; CURRENT APPLICATION NUMBER: US/10/637,935
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: US 10/202,189
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US 08/988,024
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
```

```
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-16
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2382
US-10-637-935-26
/ Sequence 26, Application US/10637935
/ Publication No. US20040033525A1
/ GENERAL INFORMATION:
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ APPLICANT: Pollart, Daniel J.
/ APPLICANT: Shaler, Thomas A.
/ TITLE OF INVENTION: Releaseable No. US20040033525A1 volatile Mass-Label Molecules
/ FILE REFERENCE: 24736-2057E
/ CURRENT APPLICATION NUMBER: US/10/637,935
/ PRIOR FILING DATE: 2003-08-07
/ PRIOR APPLICATION NUMBER: US 10/202,189
/ PRIOR FILING DATE: 2002-07-22
/ PRIOR APPLICATION NUMBER: US 08/988,024
/ PRIOR FILING DATE: 1997-12-10
/ PRIOR APPLICATION NUMBER: US 60/033,037
/ PRIOR FILING DATE: 1996-12-10
/ PRIOR APPLICATION NUMBER: US 60/046,719
/ PRIOR FILING DATE: 1997-05-16
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-26
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2383
US-10-637-935-27
/ Sequence 27, Application US/10637935
```

```
/ Publication No. US20040033525A1
/ GENERAL INFORMATION:
/ APPLICANT: Monforte, Joseph A.
/ APPLICANT: Becker, Christopher H.
/ APPLICANT: Pollart, Daniel J.
/ APPLICANT: Shaler, Thomas A.
/ TITLE OF INVENTION: Releaseable No. US20040033525A1 volatile Mass-Label Molecules
/ FILE REFERENCE: 24736-2057E
/ CURRENT APPLICATION NUMBER: US/10/637,935
/ PRIOR FILING DATE: 2003-08-07
/ PRIOR APPLICATION NUMBER: US 10/202,189
/ PRIOR FILING DATE: 2002-07-22
/ PRIOR APPLICATION NUMBER: US 08/988,024
/ PRIOR FILING DATE: 1997-12-10
/ PRIOR APPLICATION NUMBER: US 60/033,037
/ PRIOR FILING DATE: 1996-12-10
/ PRIOR APPLICATION NUMBER: US 60/046,719
/ PRIOR FILING DATE: 1997-05-16
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-637-935-27
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1603 GTGCTCAAGAACTTCA 1618
      |||||
Db      2 GTGCTCAAGAACTTCA 17
```

```
RESULT 2384
US-10-407-846-13/c
/ Sequence 13, Application US/10407846
/ Publication No. US20040038258A1
/ GENERAL INFORMATION:
/ APPLICANT: HARLEY, JOHN B.
/ APPLICANT: KAUFMAN, KENNETH M.
/ TITLE OF INVENTION: METHODS FOR DETECTING DNA POLYMORPHISMS
/ FILE REFERENCE: OMRF:010US
/ CURRENT APPLICATION NUMBER: US/10/407,846
/ PRIOR FILING DATE: 2003-04-04
/ PRIOR APPLICATION NUMBER: 60/376,360
/ PRIOR FILING DATE: 2002-04-23
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Primer
US-10-407-846-13
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6010 TTCTGCGATTTCOA 6025
      |||||
```

Db 20 TTCTGGGATTTTCCA 5

## RESULT 2385

US-10-380-125-50  
; Sequence 50, Application US/10380125  
; Publication No. US20040048818A1  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION  
; FILE REFERENCE: RISP-0176  
; CURRENT APPLICATION NUMBER: US/10/380,125  
; PRIOR FILING DATE: 2003-03-10  
; PRIOR APPLICATION NUMBER: 09/658,679  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 50  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-380-125-50

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCGCAGCTG 3396

Db 1 GCTCCTCGCCCAAGCTG 16

## RESULT 2386

US-10-380-125-51  
; Sequence 51, Application US/10380125  
; Publication No. US20040048818A1  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.  
; APPLICANT: Ian Popoff  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION  
; FILE REFERENCE: RISP-0176  
; CURRENT APPLICATION NUMBER: US/10/380,125  
; PRIOR FILING DATE: 2003-03-10  
; PRIOR APPLICATION NUMBER: 09/658,679  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 51  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-380-125-51

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCGCAGCTG 3396

Db 3 GCTCCTCGCCCAAGCTG 18

## RESULT 2387

US-10-181-543-25/C  
; Sequence 25, Application US/10181543  
; Publication No. US20030211608A1  
; GENERAL INFORMATION:  
; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Madeline M. Butler

; APPLICANT: Robert McKay

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 BETA EXPRESSION

; FILE REFERENCE: RISP-0339

; CURRENT APPLICATION NUMBER: US/10/181,543

; PRIOR FILING DATE: 2002-07-18

; PRIOR APPLICATION NUMBER: 09/489,765

; PRIOR FILING DATE: 2000-01-19

; NUMBER OF SEQ ID NOS: 85

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-181-543-25

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2539 GAGCTCCAGATCCTGA 2554

Db 18 GAGCTCCAGATCCTGA 3

## RESULT 2388

US-10-282-174-4  
; Sequence 4, Application US/10282174  
; Publication No. US20030224380A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Kenneth David  
; APPLICANT: Veliceladi, Gonul  
; APPLICANT: Elliot, Kathryn J.  
; APPLICANT: Wang, Xin  
; APPLICANT: Tanzi, Rudolph E.  
; APPLICANT: Bettam, Lars  
; APPLICANT: Saunders, Aleister J.  
; APPLICANT: Mullin, Kristina M.  
; APPLICANT: Sampson, Andrew Johnson  
; APPLICANT: Blacker, Deborah Lynne  
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10  
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER  
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES  
; FILE REFERENCE: 37481-3308  
; CURRENT APPLICATION NUMBER: US/10/282,174  
; PRIOR FILING DATE: 2002-10-25  
; PRIOR APPLICATION NUMBER: US 60/339,525  
; PRIOR FILING DATE: 2001-10-25  
; PRIOR APPLICATION NUMBER: US 60/338,010  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/336,929  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/338,363  
; PRIOR FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: US 60/337,052  
; PRIOR FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: US 60/368,919  
; PRIOR FILING DATE: 2002-03-28  
; NUMBER OF SEQ ID NOS: 564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-282-174-4

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

QY 2539 GAGCTCCAGATCCTGA 2554

Db 18 GAGCTCCAGATCCTGA 3

## RESULT 2389

US-10-282-174-4  
; Sequence 4, Application US/10282174  
; Publication No. US20030224380A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Kenneth David  
; APPLICANT: Veliceladi, Gonul  
; APPLICANT: Elliot, Kathryn J.  
; APPLICANT: Wang, Xin  
; APPLICANT: Tanzi, Rudolph E.  
; APPLICANT: Bettam, Lars  
; APPLICANT: Saunders, Aleister J.  
; APPLICANT: Mullin, Kristina M.  
; APPLICANT: Sampson, Andrew Johnson  
; APPLICANT: Blacker, Deborah Lynne  
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10  
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER  
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES  
; FILE REFERENCE: 37481-3308  
; CURRENT APPLICATION NUMBER: US/10/282,174  
; PRIOR FILING DATE: 2002-10-25  
; PRIOR APPLICATION NUMBER: US 60/339,525  
; PRIOR FILING DATE: 2001-10-25  
; PRIOR APPLICATION NUMBER: US 60/338,010  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/336,929  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/338,363  
; PRIOR FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: US 60/337,052  
; PRIOR FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: US 60/368,919  
; PRIOR FILING DATE: 2002-03-28  
; NUMBER OF SEQ ID NOS: 564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-282-174-4

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

QY 2539 GAGCTCCAGATCCTGA 2554

Db 18 GAGCTCCAGATCCTGA 3

## RESULT 2390

US-10-282-174-4  
; Sequence 4, Application US/10282174  
; Publication No. US20030224380A1  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Kenneth David  
; APPLICANT: Veliceladi, Gonul  
; APPLICANT: Elliot, Kathryn J.  
; APPLICANT: Wang, Xin  
; APPLICANT: Tanzi, Rudolph E.  
; APPLICANT: Bettam, Lars  
; APPLICANT: Saunders, Aleister J.  
; APPLICANT: Mullin, Kristina M.  
; APPLICANT: Sampson, Andrew Johnson  
; APPLICANT: Blacker, Deborah Lynne  
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10  
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER  
; TITLE OF INVENTION: NEURODEGENERATIVE DISEASES  
; FILE REFERENCE: 37481-3308  
; CURRENT APPLICATION NUMBER: US/10/282,174  
; PRIOR FILING DATE: 2002-10-25  
; PRIOR APPLICATION NUMBER: US 60/339,525  
; PRIOR FILING DATE: 2001-10-25  
; PRIOR APPLICATION NUMBER: US 60/338,010  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/336,929  
; PRIOR FILING DATE: 2001-11-08  
; PRIOR APPLICATION NUMBER: US 60/338,363  
; PRIOR FILING DATE: 2001-11-09  
; PRIOR APPLICATION NUMBER: US 60/337,052  
; PRIOR FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: US 60/368,919  
; PRIOR FILING DATE: 2002-03-28  
; NUMBER OF SEQ ID NOS: 564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-282-174-4

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3025 ATCTGACCTGACCC 3040  
|||  
Db 2 ATGTGACCTGACCC 17

RESULT 2389  
US-10-364-748-60  
; Sequence 60, Application US/10364748  
; Publication No. US20030224968A1  
; GENERAL INFORMATION:  
; APPLICANT: Pink, John K.  
; APPLICANT: Zhao, Xinding  
; TITLE OF INVENTION: Atlastin  
; FILE REFERENCE: UM-07745  
; CURRENT APPLICATION NUMBER: US/10/364,748  
; CURRENT FILING DATE: 2003-02-11  
; NUMBER OF SEQ ID NOS: 68  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 60  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-364-748-60

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4463 CTTTTTTTTTTTTT 4478  
|||  
Db 3 CTTTTCTTTTTTTT 18

RESULT 2390  
US-10-202-189-16  
; Sequence 16, Application US/10202189  
; Publication No. US20030022225A1  
; GENERAL INFORMATION:  
; APPLICANT: Montforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; APPLICANT: Pollart, Daniel J.  
; APPLICANT: Shaler, Thomas A.  
; TITLE OF INVENTION: Releasable No. US20030022225A1volatile Mass-Label Molecules  
; FILE REFERENCE: 24736-2057D  
; CURRENT APPLICATION NUMBER: US/10/202,189  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE: 1997-12-10  
; PRIOR APPLICATION NUMBER: US 08/988,024  
; PRIOR FILING DATE: 1997-12-10  
; PRIOR APPLICATION NUMBER: US 60/033,037  
; PRIOR FILING DATE: 1996-12-10  
; PRIOR APPLICATION NUMBER: US 60/046,719  
; PRIOR FILING DATE: 1997-05-16  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: 1  
; OTHER INFORMATION: n is amino-thymidine with mass label attached;  
; OTHER INFORMATION: chemically cleavable disulfide-containing group  
; OTHER INFORMATION: between n and g  
US-10-202-189-16

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618  
|||  
Db 2 GTGCTCAAGAACTACA 17

RESULT 2391  
US-10-202-189-26  
; Sequence 26, Application US/10202189  
; Publication No. US20030022225A1  
; GENERAL INFORMATION:  
; APPLICANT: Montforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; APPLICANT: Pollart, Daniel J.  
; APPLICANT: Shaler, Thomas A.  
; TITLE OF INVENTION: Releasable No. US20030022225A1volatile Mass-Label Molecules  
; FILE REFERENCE: 24736-2057D  
; CURRENT APPLICATION NUMBER: US/10/202,189  
; CURRENT FILING DATE: 2002-07-22  
; PRIOR APPLICATION NUMBER:  
; PRIOR APPLICATION NUMBER: US 08/988,024  
; PRIOR FILING DATE: 1997-12-10  
; PRIOR APPLICATION NUMBER: US 60/033,037  
; PRIOR FILING DATE: 1996-12-10  
; PRIOR APPLICATION NUMBER: US 60/046,719  
; PRIOR FILING DATE: 1997-05-16  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
; NAME/KEY: modified\_base  
; LOCATION: 1  
; OTHER INFORMATION: n is amino-thymidine with mass label attached;  
; OTHER INFORMATION: chemically cleavable disulfide-containing group  
; OTHER INFORMATION: between n and g  
US-10-202-189-26

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1603 GTGCTCAAGAACTTCA 1618  
|||  
Db 2 GTGCTCAAGAACTACA 17

RESULT 2392  
US-10-202-189-27  
; Sequence 27, Application US/10202189  
; Publication No. US20030022225A1  
; GENERAL INFORMATION:  
; APPLICANT: Montforte, Joseph A.  
; APPLICANT: Becker, Christopher H.  
; APPLICANT: Pollart, Daniel J.  
; APPLICANT: Shaler, Thomas A.  
; TITLE OF INVENTION: Releasable No. US20030022225A1volatile Mass-Label Molecules  
; FILE REFERENCE: 24736-2057D  
; CURRENT APPLICATION NUMBER: US/10/202,189  
; CURRENT FILING DATE: 2002-07-22  
; PRIOR APPLICATION NUMBER:  
; PRIOR APPLICATION NUMBER: US 08/988,024  
; PRIOR FILING DATE: 1997-12-10  
; PRIOR APPLICATION NUMBER: US 60/033,037  
; PRIOR FILING DATE: 1996-12-10  
; PRIOR APPLICATION NUMBER: US 60/046,719  
; PRIOR FILING DATE: 1997-05-16  
; NUMBER OF SEQ ID NOS: 36

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/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: modified_base
/ LOCATION: 1
/ OTHER INFORMATION: n is amino-thymidine with mass label attached;
/ OTHER INFORMATION: chemically cleavable disulfide-containing group
/ OTHER INFORMATION: between n and g
US-10-202-189-27

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1603 GTGCTCAAGAACTCA 1618
Db      2 GTGCTCAAGAACTACA 17

RESULT 2393
US-10-085-906-340
/ Sequence 340, Application US/10085906
/ Publication No. US20030054371A1
/ GENERAL INFORMATION:
/ APPLICANT: Ying, Vincent
/ APPLICANT: Wu, Paul
/ APPLICANT: Gray, Gary S.
/ TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
/ TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
/ FILE REFERENCE: GNN-5343CE2
/ CURRENT APPLICATION NUMBER: US/10/085,906
/ CURRENT FILING DATE: 2002-02-27
/ PRIOR APPLICATION NUMBER: US 60/126,215
/ PRIOR FILING DATE: 1999-03-25
/ PRIOR APPLICATION NUMBER: US 09/534,061
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: PCT/US00/07938
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 545
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 340
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-085-906-340

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5827 TGAATCTCTGATGG 5842
Db      5 TCAATCTCTGATGG 20

RESULT 2394
US-10-147-354-17/C
/ Sequence 17, Application US/10147354
/ Publication No. US20030079235A1
/ GENERAL INFORMATION:
/ APPLICANT: Loralis Limited
/ APPLICANT: Lamb, Jonathan Robert
/ APPLICANT: Hoyne, Gerard Francis
/ TITLE OF INVENTION: Immunotherapy
/ FILE REFERENCE: 674525-2004
/ CURRENT APPLICATION NUMBER: US/10/147,354
/ CURRENT FILING DATE: 2002-08-07
/ PRIOR APPLICATION NUMBER: PCT/GB00/04391
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/ PRIOR FILING DATE: 2000-11-17
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 17
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
US-10-147-354-17

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6853 GACTGCTTCTCCCT 6868
Db      20 GACTGCTTCTCCCT 5

RESULT 2395
US-10-205-841-20
/ Sequence 20, Application US/10205841
/ Publication No. US20030093226A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashby, Matthew
/ APPLICANT: Scherer, Stewart
/ APPLICANT: Phillips, John
/ APPLICANT: Ziman, Michael
/ APPLICANT: Martini, Nicholas
/ TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF REPORTER AND TARGET MOLECULES
/ TITLE OF INVENTION: USING COMPREHENSIVE GENE EXPRESSION PROFILES
/ FILE REFERENCE: 9301-187
/ CURRENT APPLICATION NUMBER: US/10/205,841
/ CURRENT FILING DATE: 2002-07-26
/ PRIOR APPLICATION NUMBER: 09/540,806
/ PRIOR FILING DATE: 2000-03-31
/ NUMBER OF SEQ ID NOS: 59
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 20
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-205-841-20

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5418 TAAAGCAAGAGAT 5433
Db      4 TAAAGCAAGAGAT 19

RESULT 2396
US-10-226-355-48/C
/ Sequence 48, Application US/10226355
/ Publication No. US20030104436A1
/ GENERAL INFORMATION:
/ APPLICANT: Morris, Macdonald S.
/ APPLICANT: Shoemaker, Daniel D.
/ APPLICANT: Davis, Ronald W.
/ APPLICANT: Mittman, Michael P.
/ TITLE OF INVENTION: Methods and Compositions for Selecting
/ TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
/ NUMBER OF SEQUENCES: 56
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3834
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/226,355
FILING DATE: 23-Aug-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/626,285
FILING DATE: 04-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 16528X-017300US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-10-226-355-48

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6144 CCTGGCTTGAAGTGT 6159
DB      17 CCAGGTTTGAAGTGT 2

RESULT 2397
US-10-007-010-43/c
Sequence 43, Application US/10007010
Publication No. US20030125275A1
GENERAL INFORMATION:
APPLICANT: Alexander H. Borchers
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
FILE REFERENCE: RTS-0345
CURRENT APPLICATION NUMBER: US/10/007,010
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-43

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5824 TGATGAATCTCTGCA 5839
DB      18 TGATGAAAACCTCTGCA 3

RESULT 2398
US-10-006-191-129/c
Sequence 129, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
```

```
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 129
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-129

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5162 TCTCCTGGAGACGTGG 5177
DB      19 TCTCCTGGAACAGTGG 4

RESULT 2399
US-10-341-550-6
Sequence 6, Application US/10341550
Publication No. US20030162212A1
GENERAL INFORMATION:
APPLICANT: Kanjilal, Sagatika
TITLE OF INVENTION: Detection of a Genetic Predisposition to Cancers and No. US200301
FILE REFERENCE: 600,544US1
CURRENT APPLICATION NUMBER: US/10/341,550
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: US 60/347,757
PRIOR FILING DATE: 2002-01-11
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Felle catus
US-10-341-550-6

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      596 TCTCATCAGTGGCT 611
DB      3 TCTCATCAGTGGCT 18

RESULT 2400
US-10-218-969-47/c
Sequence 47, Application US/10218969
Publication No. US20030165916A1
GENERAL INFORMATION:
APPLICANT: Sealfon, Stuart
APPLICANT: Yuen, Tony
APPLICANT: Mumbach, Elisa
TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Dr
FILE REFERENCE: 2459-1-007N
CURRENT APPLICATION NUMBER: US/10/218,969
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/312,220
PRIOR FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: US 60/324,895
PRIOR FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 47
LENGTH: 20
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TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-218-969-47

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7411 ATCAGCAGCAGCA 7426  
DB 17 ATCAGCAGCAGCA 2

RESULT 2401  
US-10-204-653-15  
Sequence 15, Application US/10204653  
Publication No. US20030175898A1  
GENERAL INFORMATION:  
APPLICANT: Royal Brompton & Harefield NHS Trust  
TITLE OF INVENTION: Biological material and uses thereof  
FILE REFERENCE: ROYT/P2416US  
CURRENT APPLICATION NUMBER: US/10/204,653  
CURRENT FILING DATE: 2003-12-16  
PRIOR APPLICATION NUMBER: GB0004016.2  
PRIOR FILING DATE: 22 February 2000  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: Seqwin9  
SEQ ID NO 15  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-10-204-653-15

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4221 CTTCTCTGTGCAGAT 4236  
DB 5 CTTCTCTGTGCAGAT 20

RESULT 2402  
US-10-053-645A-3/c  
Sequence 3, Application US/10053645A  
Publication No. US20030176376A1  
GENERAL INFORMATION:  
APPLICANT: Robert E. Klem  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING A  
TITLE OF INVENTION: CELL-PROLIFERATIVE DISORDER USING CRE DECOY OLIGOMERS, BCL-2  
TITLE OF INVENTION: ANTISENSE OLIGOMERS, AND HYBRID OLIGOMERS THEREOF  
FILE REFERENCE: 10412-022-999  
CURRENT APPLICATION NUMBER: US/10/053,645A  
CURRENT FILING DATE: 2002-01-22  
PRIOR APPLICATION NUMBER: 60/263,244  
PRIOR FILING DATE: 2001-01-22  
NUMBER OF SEQ ID NOS: 43  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of artificial sequence: Synthetic Antisense  
OTHER INFORMATION: Oligonucleotide  
US-10-053-645A-3

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6880 GAGCTGGGTGTGC 6895  
DB 19 GAGCTGGGTGTGC 4

RESULT 2403  
US-10-238-442-76  
Sequence 76, Application US/10238442  
Publication No. US20030176383A1  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Gaarde, William A.  
APPLICANT: Nero, Pamela S.  
APPLICANT: McKay, Robert  
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen  
TITLE OF INVENTION: Activated Protein Kinase Expression  
FILE REFERENCE: ISPH-0488  
CURRENT APPLICATION NUMBER: US/10/238,442  
CURRENT FILING DATE: 2002-09-09  
PRIOR APPLICATION NUMBER: 09/640,101  
PRIOR FILING DATE: 2000-08-15  
PRIOR APPLICATION NUMBER: 09/286,904  
PRIOR FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 76  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-10-238-442-76

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCCAGCATTTCAAGCC 458  
DB 4 TCCAGCATTTCAAGCC 19

RESULT 2404  
US-10-407-461-18/c  
Sequence 18, Application US/10407461  
Publication No. US20030176687A1  
GENERAL INFORMATION:  
APPLICANT: TOSOH Corporation  
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio  
TITLE OF INVENTION: Parahaemolyticus  
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same  
TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 200-2496  
CURRENT APPLICATION NUMBER: US/10/407,461  
CURRENT FILING DATE: 2003-04-04  
PRIOR APPLICATION NUMBER: US/09/808,358  
PRIOR FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 48  
SEQ ID NO 18  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide capable of binding specifically to tth2  
OTHER INFORMATION: or  
OTHER INFORMATION: RNA derived therefrom  
US-10-407-461-18

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 6682 TTATTTTATTATAT 6697

Db 20 TCATTTTTATTATAT 5

RESULT2405  
US-10-407-461-44/C  
; Sequence 44, Application US/10407461  
; Publication No. US20030176687A1  
; GENERAL INFORMATION:

```

: APPLICANT: TOSOH Corporation
: TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio
: TITLE OF INVENTION: Parahaemolyticus
: TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
: TITLE OF INVENTION: Oligonucleotides
: FILE REFERENCE: 200-2496
: CURRENT APPLICATION NUMBER: US/10/407,461
: CURRENT FILING DATE: 2003-04-04
: PRIOR APPLICATION NUMBER: US/09/808,358
: PRIOR FILING DATE: 2001-03-15
: NUMBER OF SEQ ID NOS: 48
: SEQ ID NO 44
: SEQ ID NO 45
: LENGTH: 20
:

```

OTHER INFORMATION: primer  
US-10-407-461-44

Query Match	0.2%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. No. 1.5e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

Qy	6682	TTATTTTATTTATAT	6697
Db	20	TCATTTTATTTATAT	5

RESULT 2406  
 US-10-147-329-17/c  
 Sequence 17, Application US/10147329  
 Publication NO. US20030194604A1  
 GENERAL INFORMATION:  
 APPLICANT: Loxantus Limited  
 APPLICANT: Lamb, Jonathan Robert  
 APPLICANT: Hoyne, Gerard Francis  
 TITLE OF INVENTION: Immunotherapy  
 FILE REFERENCE: 674525-2004  
 CURRENT APPLICATION NUMBER: US/10/147,329  
 CURRENT FILING DATE: 2001-05-16  
 PRIOR APPLICATION NUMBER: PCT/GB00/04391  
 PRIOR FILING DATE: 2000-11-17  
 NUMBER OF SEQ ID NOS: 24  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 17  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Homo Sapiens  
 US-10-147-329-17

Query Match	0.2%	Score 14.4;	DB 1;	length 20;
Best Local Similarity	93.8%	Pred. No. 1.5e+03;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0

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QY      6853 GACTTGCCCTTCTCCCT 6868
          ||||| |||||
Db      20 GACTTGGCTTCTCCCT 5

```

RESULT 2407  
US-10-005-344-330/C  
; Sequence 330, Application US/10005344  
; Publication No. US20030203862A1  
; GENERAL INFORMATION:

```

APPLICANT: Ioreen J. Miringilla
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Morita
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ. ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 330
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-330

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OTHER INFORMATION: Antisense Oligonucleotide  
US-10-005-344-330

Query Match	0.2%	Score 14.4;	DB 1;	Length 20;
Best Local Similarity	93.8%	Pred. NO. 1.5e+03;		
Matches 15;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0

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QY      998 GCCTGAAGGTGGAAGT 1013
          |||||
Db      16  GCCTGAAGGTGGAGT 1

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RESULT 2408
US-10-094-749-3359/c
: Sequence 3359, Application US/10094749
Publication No. US20030219741A1
GENERAL INFORMATION:
APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: WAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUKO
APPLICANT: YAMAMOTO, JUN-ICHI
APPLICANT: ISONO, YUUKO
APPLICANT: HIO, YURI
APPLICANT: OTSUKA, KAORU
APPLICANT: NAGAI, KEIICHI
APPLICANT: IRIE, RYOTARO
APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SEKI, NAOHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOTYUKI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
FILE REFERENCE: 084335/0160
CURRENT APPLICATION NUMBER: US/10/094,749
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 60/350,435
PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3359
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificially

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OTHER INFORMATION: Description of Artificial Sequence: an artificially

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; OTHER INFORMATION: synthesized primer sequence
US-10-094-749-3359

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3693 CAGCATTTTGCATT 3708
Db 16 CAGCAATTTTGCATT 1

RESULT 2409
US-10-094-749-3372/c
; Sequence 3372, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: MAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOTYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT FILING DATE: 2002-03-12
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3372
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-094-749-3372

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3693 CAGCATTTTGCATT 3708
Db 16 CAGCAATTTTGCATT 1

RESULT 2410
US-10-403-090-5/c
; Sequence 5, Application US/10403090
; Publication No. US20030219811A1
; GENERAL INFORMATION:
; APPLICANT: MASUDA, NORIYOSHI
; APPLICANT: YASUKAWA, KIYOSHI
; APPLICANT: ISHIGURO, TAKAHICO
; TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF ATYPICAL MYCOBACTERIA MYCOBACTER
; TITLE OF INVENTION: AVIUM AND DETECTION METHOD
```

```
; FILE REFERENCE: 236060US0
; CURRENT APPLICATION NUMBER: US/10/403,090
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: JP 2002-099840
; PRIOR FILING DATE: 2002-04-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-403-090-5

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 284 CTCGCCGCGCTGGCAT 299
Db 18 CTCGCCGCGCTGGCAT 3

RESULT 2411
US-10-403-090-23/c
; Sequence 23, Application US/10403090
; Publication No. US20030219811A1
; GENERAL INFORMATION:
; APPLICANT: MASUDA, NORIYOSHI
; APPLICANT: YASUKAWA, KIYOSHI
; APPLICANT: ISHIGURO, TAKAHICO
; TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF ATYPICAL MYCOBACTERIA MYCOBACTERI
; TITLE OF INVENTION: AVIUM AND DETECTION METHOD
; FILE REFERENCE: 236060US0
; CURRENT APPLICATION NUMBER: US/10/403,090
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: JP 2002-099840
; PRIOR FILING DATE: 2002-04-02
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-403-090-23

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2164 TTCTACAAATCCACCC 2179
Db 17 TTCTACAAATCCACCC 2

RESULT 2412
US-10-323-069A-55/c
; Sequence 55, Application US/10323069A
; Publication No. US20030228328A1
; GENERAL INFORMATION:
; APPLICANT: Hardham, John M.
; APPLICANT: King, Kendall W.
; TITLE OF INVENTION: VACCINE FOR PERIODONTAL DISEASE
; FILE REFERENCE: PC11864A
; CURRENT APPLICATION NUMBER: US/10/323,069A
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PFZ211-AP2
US-10-323-069A-55

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3165 TGGTAGGTTGGGTT 3180
DB 19 TGGTAGGTTGGGTT 4

RESULT 2413
US-10-174-460-48/C
; Sequence 48, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-48

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3218 TGGGTGGAGGAGGAA 3233
DB 16 TGGGTGGAGGAGGAA 1

RESULT 2414
US-10-174-460-99
; Sequence 99, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; PEATRE:
US-10-174-460-99

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3218 TGGGTGGAGGAGGAA 3233
DB 5 TGGGTGGAGGAGGAA 20
```

```

RESULT 2415
US-10-174-456-12
; Sequence 12, Application US/10174456
; Publication No. US20030235910A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION
; FILE REFERENCE: RTS-0374
; CURRENT APPLICATION NUMBER: US/10/174,456
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-456-12

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7422 CAGCAGCAGCAGCACA 7437
DB 5 CAGCAGCAGCAGCACA 20

RESULT 2416
US-10-174-456-90/C
; Sequence 90, Application US/10174456
; Publication No. US20030235910A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Preler
; APPLICANT: Brett P. Monla
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 49 EXPRESSION
; FILE REFERENCE: RTS-0374
; CURRENT APPLICATION NUMBER: US/10/174,456
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-174-456-90

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7422 CAGCAGCAGCAGCACA 7437
DB 16 CAGCAGCAGCAGCACA 1

RESULT 2417
US-10-187-659A-22/C
; Sequence 22, Application US/10187659A
; Publication No. US20040002152A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION
; FILE REFERENCE: RTS-0379
; CURRENT APPLICATION NUMBER: US/10/187,659A
; CURRENT FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-187-659A-22

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2289 GGAAGAGACTACG 2304
Db      20  GGAAGAGCTACCG 5

RESULT 2418
US-10-349-143-5670
; Sequence 5670, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5670
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-6051 for SEQ 1736,
US-10-349-143-5670

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4944 CCTTACTTTTCTCT 4959
Db      1  CCTTACTTTTCTCT 16

RESULT 2419
US-10-349-143-9656
; Sequence 9656, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
```

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; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-6435 for SEQ 1791, in complemer
US-10-349-143-9656

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6079 TCTTTTCTCTTACC 6094
Db      2  TCTTTTCTCTTTC 17

RESULT 2420
US-10-289-762-1513/C
; Sequence 1513, Application US/10289762
; Publication No. US2004006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; FILE REFERENCE: 9710-003-999
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1513
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1513

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6725 AGCTGAAATACCTTCC 6740
Db      16  AGCTGAAATACCTTC 1

RESULT 2421
US-10-289-762-1915/C
; Sequence 1915, Application US/10289762
; Publication No. US2004006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; FILE REFERENCE: 9710-003-999
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1915
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1915

Query Match      0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7463 TGCGTTATTTGTA 7478
Db      1  TGCGTTATTTGTA 1
```

Db 18 TGGCTTATTTCTTA 3

RESULT 2422  
US-10-289-762-3250/c  
; Sequence 3250, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Grifflais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 3250  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-3250

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6380 GTTCCTTAAAGCTC 6395  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 CCTCCCTAAAGCTC 2

RESULT 2423  
US-10-289-762-3452/c  
; Sequence 3452, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Grifflais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 3452  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-3452

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2157 CATCAATTCTACAG 2172  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 CATCAATTCTACAG 4

RESULT 2424  
US-10-289-762-3870/c  
; Sequence 3870, Application US/10289762  
; Publication No. US20040006218A1  
; GENERAL INFORMATION:  
; APPLICANT: Grifflais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/10/289,762  
; CURRENT FILING DATE: 2003-03-27  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 3870

; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-10-289-762-3870

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 973 GTTCCTTACCAAG 988  
| | | | | | | | | | | | | | | | | | | | | |  
Db 16 GTTCCTTACCAAG 1

RESULT 2425  
US-10-189-429-65/c  
; Sequence 65, Application US/10189429  
; Publication No. US20040009597A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Cowbert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPK EXPRESSION  
; FILE REFERENCE: R1S-0366  
; CURRENT APPLICATION NUMBER: US/10/189,429  
; CURRENT FILING DATE: 2002-06-03  
; NUMBER OF SEQ ID NOS: 141  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-189-429-65

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5659 ATCCTTATGTTGGT 5674  
| | | | | | | | | | | | | | | | | | | | | |  
Db 18 ATCCTTATGTTGGT 3

RESULT 2426  
US-10-210-429-12  
; Sequence 12, Application US/10210429  
; Publication No. US20040023379A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth W. Dodie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION  
; FILE REFERENCE: P1S-0048  
; CURRENT APPLICATION NUMBER: US/10/210,429  
; CURRENT FILING DATE: 2002-07-31  
; NUMBER OF SEQ ID NOS: 148  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-210-429-12

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6522 TGACTATAGCTGACC 6537  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 TGACTATAGCTGACC 17

RESULT 2427

```
US-10-210-429-84/c
; Sequence 84, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-429-84

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6522 TGACTATTGCTGCGC 6537
Db 19 TGACTATAAGCTGCGC 4

RESULT 2428
US-10-210-838-45/c
; Sequence 45, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanc
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-210-838-45

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2082 CTGTGCTACTGTGCGG 2097
Db 17 CTGTGCTACCGTGGC 2

RESULT 2429
US-10-210-838-150
; Sequence 150, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanc
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 150
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-838-150

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2082 CTGTGCTACTGTGCGG 2097
Db 4 CTGTGCTACCGTGGC 19

RESULT 2430
US-10-211-908-30
; Sequence 30, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: PTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-211-908-30

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2526 TTTCACGACGAGATGAG 2541
Db 5 TTTCACGACGAGATGAG 20

RESULT 2431
US-10-211-908-100/c
; Sequence 100, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: PTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-211-908-100

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2526 TTTCACGACGAGATGAG 2541
Db 16 TTTCACGACGAGATGAG 1

RESULT 2432
```

```
US-10-239-176-14
; Sequence 14, Application US/10239176
; Publication No. US20040086856A1
; GENERAL INFORMATION:
; APPLICANT: TAKAHASHI, MASAYOSHI
; APPLICANT: OKADA, JUN
; APPLICANT: HASHIMOTO, KOJI
; TITLE OF INVENTION: NUCLEIC ACID PROBE-IMMOBILIZED SUBSTRATE AND METHOD OF
; FILE REFERENCE: 228763US08DPCT
; CURRENT APPLICATION NUMBER: US/10/239,176
; PRIOR FILING DATE: 2003-03-19
; PRIOR APPLICATION NUMBER: PCT/JP02/08670
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP 2002-218644
; PRIOR FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-239-176-14

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3931 CTTTCTCCCTTGATG 3946
Db      5      CTTTCTCCCTTGATG 20

RESULT 2433
US-10-293-998-29/c
; Sequence 29, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-998-29

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1881 GACTCTGTCCAACTTC 1896
Db      20      GACTCTGTCCAACTTC 5

RESULT 2434
US-10-293-998-66
; Sequence 66, Application US/10293998
; Publication No. US20040091871A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR R22 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
```

```
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-998-66

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1881 GACTCTGTCCAACTTC 1896
Db      1      GACTCTGTCCAACTTC 16

RESULT 2435
US-10-298-404-47/c
; Sequence 47, Application US/10298404
; Publication No. US20040097443A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JERRY-LIKE 1 EXPRESSION
; FILE REFERENCE: HTS-0011
; CURRENT APPLICATION NUMBER: US/10/298,404
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-404-47

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3019 TGTCAATCTGGCCCT 3034
Db      20      TGTCAATCTGGCCCT 5

RESULT 2436
US-10-298-404-79
; Sequence 79, Application US/10298404
; Publication No. US20040097443A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JERRY-LIKE 1 EXPRESSION
; FILE REFERENCE: HTS-0011
; CURRENT APPLICATION NUMBER: US/10/298,404
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-404-79

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3019 TGTCAATCTGGCCCT 3034
Db      1      TGTCAATCTGGCCCT 16

RESULT 2437
```

```
US-10-302-571-39/c
; Sequence 39, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-571-39

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      6043 GAGCTGGTTCTCTCA 6058
Db      16 GAGATGGTTCTCTCA 1

RESULT 2438
US-10-302-571-47
; Sequence 47, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-571-47

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      865 TCAGCCACTGCTTTT 880
Db      1 TCAGCTCTGCTTTT 16

RESULT 2439
US-10-302-571-77/c
; Sequence 77, Application US/10302571
; Publication No. US20040102393A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HEAT SHOCK PROTEIN 90-ALPHA EXPRESSION
; FILE REFERENCE: HTS-0124
; CURRENT APPLICATION NUMBER: US/10/302,571
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 77

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-571-77

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      865 TCAGCCACTGCTTTT 880
Db      20 TCAGCTCTGCTTTT 5

RESULT 2440
US-10-648-593-328
; Sequence 328, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 328
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-648-593-328

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      2747 AGGTTACCCAGATAC 2762
Db      2 AGGTTACCCAGACAC 17

RESULT 2441
US-10-317-401-29
; Sequence 29, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseart
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-401-29

Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      3352 TGTAGAAGATTTT 3367
Db      4 TGTAGAAGATTTCTT 19
```

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RESULT 2442
US-10-317-401-97/C
; Sequence 97, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-401-97

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3352 TGAGGAGATTGTTT 3367
DB 17 TGAGGAGATTGTTT 2

RESULT 2443
US-10-319-893-64
; Sequence 64, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-893-64

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5296 CTCGAGCAGCAAGTT 5311
DB 3 CTCGAGCAGCAAGTT 18

RESULT 2444
US-10-319-893-139/C
; Sequence 139, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
```

```
; FEATURE:
US-10-319-893-139
Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5296 CTCGAGCAGCAAGTT 5311
DB 18 CTCGAGCAGCAAGTT 3

RESULT 2445
US-10-671-395-112/C
; Sequence 112, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-112

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3814 TGCTGATGACAGGC 3829
DB 16 TGCTGATGACAGGC 1

RESULT 2446
US-10-671-395-157/C
; Sequence 157, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-157

Query Match
Best Local Similarity 0.2%; Score 14.4; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



;; CURRENT APPLICATION NUMBER: US/10/728,399  
;; CURRENT FILING DATE: 2003-12-05  
;; NUMBER OF SEQ ID NOS: 627  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO 400  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: artificial  
;; FEATURE:  
;; OTHER INFORMATION: human mitochondrion antisense  
US-10-728-399-400

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4479  
DB 1 TTTT TTTT TTTT GTT 16

RESULT 2452  
US-10-652-795-221/c  
; Sequence 221, Application US/10652795  
; Publication No. US20040142346A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/10/652,795  
; CURRENT FILING DATE: 2003-08-29  
; PRIOR APPLICATION NUMBER: US/09/824,322B  
; PRIOR FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 221  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-652-795-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526  
DB 16 TGCAGACTGAGAG 1

RESULT 2453  
US-10-652-795-366/c  
; Sequence 366, Application US/10652795  
; Publication No. US20040142346A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/10/652,795  
; CURRENT FILING DATE: 2003-08-29

;; PRIOR APPLICATION NUMBER: US/09/824,322B  
;; PRIOR FILING DATE: 2001-04-02  
;; PRIOR APPLICATION NUMBER: US 09/313,932  
;; PRIOR FILING DATE: 1999-05-18  
;; PRIOR APPLICATION NUMBER: US 09/166,186  
;; PRIOR FILING DATE: 1998-10-05  
;; NUMBER OF SEQ ID NOS: 503  
;; SEQ ID NO 366  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic  
US-10-652-795-366

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526  
DB 18 TGCAGACTGAGAG 3

RESULT 2454  
US-10-647-918-221/c  
; Sequence 221, Application US/10647918  
; Publication No. US20040152652A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/10/647,918  
; CURRENT FILING DATE: 2003-08-26  
; PRIOR APPLICATION NUMBER: US/09/824,322B  
; PRIOR FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/313,932  
; PRIOR FILING DATE: 1999-05-18  
; PRIOR APPLICATION NUMBER: US 09/166,186  
; PRIOR FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 503  
; SEQ ID NO 221  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-647-918-221

Query Match 0.2%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 1.5e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4511 TGCAGACTGAGAG 4526  
DB 16 TGCAGACTGAGAG 1

RESULT 2455  
US-10-647-918-366/c  
; Sequence 366, Application US/10647918  
; Publication No. US20040152652A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA  
; FILE REFERENCE: ISPH-0501  
; CURRENT APPLICATION NUMBER: US/10/647,918  
; CURRENT FILING DATE: 2003-08-26

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; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-366
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Oy      4511 TGCAGACTGAGAG 4526
Db      18  TGCAGACTTGAGAG 3
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RESULT 2456
US-10-641-455A-76
; Sequence 76, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Nero, Pamela A.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-76
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Query Match          0.2%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Oy      443 TCCAGCATTTCAAGC 458
Db      4    TCCAGCAGTTCAAGC 19
```

```
RESULT 2457
US-09-921-398-21
; Sequence 21, Application US/09921398
; Patent No. US20020055169A1
; GENERAL INFORMATION:
```

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; APPLICANT: Tekamp-Olson, Patricia
; TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS
; PROTEINS IN YEAST
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP
; STREET: 3605 Glenwood Ave. Suite 310
; CITY: Raleigh
; STATE: NC
; COUNTRY: US
; ZIP: 27622
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/921,398
; FILING DATE: 02-Aug-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: 5784-4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919 420 2202
; TELEFAX: 919 881 3175
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-921-398-21
```

```
Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Oy      7364 AATTATCCAGCAGCT 7379
Db      6  AATTATCCAGCAGCT 21
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RESULT 2458
US-09-782-837-13
; Sequence 13, Application US/09782837
; Patent No. US20020127714A1
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; TITLE OF INVENTION: CHANGES
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: DNA excision repair protein ERCCs
; OTHER INFORMATION: The letter "r" stands for g or a.
```

US-09-782-837-13

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5420 AAAACGACGATCAGC 5437  
DB 3 AAAAGAAATGATCAGC 20

RESULT 2459

US-09-964-261-85  
; Sequence 85, Application US/09964261  
; Publication No. US20020197613A1  
; GENERAL INFORMATION:  
; APPLICANT: De Canck, Ilse  
; APPLICANT: Rombout, Annelies  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES  
; FILE REFERENCE: IGT-002  
; CURRENT APPLICATION NUMBER: US/09/964,261  
; CURRENT FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: EP 99870068.6  
; PRIOR FILING DATE: 1999-04-09  
; PRIOR APPLICATION NUMBER: US 60/138,614  
; PRIOR FILING DATE: 1999-06-11  
; NUMBER OF SEQ ID NOS: 446  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 85  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-964-261-85

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 83.3%; Pred. No. 1.6e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGAGCCCGAGCCCT 2732  
DB 3 GCGGAGCYCCGAGACCT 20

RESULT 2460

US-09-771-933-202  
; Sequence 202, Application US/09771933  
; Publication No. US20030023387A1  
; GENERAL INFORMATION:  
; APPLICANT: Gill-Garrison, Rosalynn D  
; APPLICANT: Martin, Christopher J  
; APPLICANT: Sanchez-Felix, Manuel V  
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk  
; FILE REFERENCE: 620-130  
; CURRENT APPLICATION NUMBER: US/09/771,933  
; CURRENT FILING DATE: 2001-01-30  
; NUMBER OF SEQ ID NOS: 205  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 202  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-771-933-202

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7204 GTTTCACCTTAGTTT 7219  
DB 1 GTTTCACCTTAGTTT 1

DB 6 GTTTCACCTTAGTGT 21

RESULT 2461  
US-10-617-334-188  
; Sequence 188, Application US/10617334  
; Publication No. US20040058869A1  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
; FILE REFERENCE: 760050-91  
; CURRENT APPLICATION NUMBER: US/10/617,334  
; CURRENT FILING DATE: 2003-07-10  
; PRIOR APPLICATION NUMBER: US 09/526,193  
; PRIOR FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: PatentIn 3.0  
; SEQ ID NO 188  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-617-334-188

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2204 TCTACCGAGATGGGT 2219  
DB 6 TCTACCGAGATGGGT 21

RESULT 2462  
US-10-060-759A-4/C  
; Sequence 4, Application US/10060759A  
; Publication No. US20030018014A1  
; GENERAL INFORMATION:  
; APPLICANT: Lerner, Adam  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHRONIC LYMPHOCYTIC  
; FILE REFERENCE: 701586/50174-DIV  
; CURRENT APPLICATION NUMBER: US/10/060,759A  
; CURRENT FILING DATE: 2002-01-30  
; PRIOR APPLICATION NUMBER: 09/423,349  
; PRIOR FILING DATE: 2000-05-01  
; PRIOR APPLICATION NUMBER: PCT/US99/21518  
; PRIOR FILING DATE: 1999-09-17  
; PRIOR APPLICATION NUMBER: 60/101,721  
; PRIOR FILING DATE: 1998-09-24  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: human  
US-10-060-759A-4

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1025 GACAGATGAGAGGAA 1040  
DB 19 GCGAGATGAGAGGAA 4

RESULT 2463  
US-10-325-810-470/c  
; Sequence 470, Application US/10325810  
; Publication No. US20030204069A1  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lininger, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 633  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/325,810  
; FILING DATE: 20-Dec-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,181  
; FILING DATE: 29-Sep-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-Oct-1996  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-Apr-1997  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-Apr-1997  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-May-1997  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-May-1997  
; APPLICATION NUMBER: US 08/911,312  
; FILING DATE: 14-Aug-1997  
; APPLICATION NUMBER: US 08/912,951  
; FILING DATE: 14-Aug-1997  
; APPLICATION NUMBER: US 08/915,503  
; FILING DATE: 14-Aug-1997  
; APPLICATION NUMBER: WO PCT/US97/17885  
; FILING DATE: 01-Oct-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ausenhus, Scott L.  
; REGISTRATION NUMBER: 42,271  
; REFERENCE/DOCKET NUMBER: 015389-002620US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 470:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1..21  
; OTHER INFORMATION: /note= "K322 primer"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 470:  
US-10-325-810-470

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 3537 TTCGCCCGCTGTGG 3552  
DB 20 TTCGCCCGCTGTGG 5  
RESULT 2464  
US-10-032-924-77  
; Sequence 77, Application US/10032924  
; Publication No. US20030022190A1  
; GENERAL INFORMATION:  
; APPLICANT: Shipman, Robert  
; Leubner, James  
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR  
; MUTATIONS IN THE BRCA1 GENE  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Opedahl & Larson  
; STREET: 1992 Commerce Street Suite 309  
; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: Word Perfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/032,924  
; FILING DATE: 26-Dec-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/649,950  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Larson, Marina T.  
; REGISTRATION NUMBER: 32,038  
; REFERENCE/DOCKET NUMBER: VGEN.P-028-US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 245-3252  
; TELEFAX: (914) 962-4330  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 77:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: no  
; ANTI-SENSE: yes  
; FRAGMENT TYPE: internal  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; FEATURE:  
; OTHER INFORMATION: amplification primer for BRCA1 gene  
; SEQUENCE DESCRIPTION: SEQ ID NO: 77:  
US-10-032-924-77  
Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 3131 GTAGGTCACCTGTGT 3146  
DB 2 GTAGGTCACCTGTGT 17

RESULT 2465  
US-10-280-826-21  
Sequence 21, Application US/10280826  
Publication No. US2003007831A1  
GENERAL INFORMATION:  
APPLICANT: Tekamp-Olson, Patricia  
TITLE OF INVENTION: METHOD FOR EXPRESSION OF HETEROLOGOUS  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bell Seltzer IP Group of Alston & Bird, LLP  
STREET: 3605 Glenwood Ave. Suite 310  
CITY: Raleigh  
STATE: NC  
COUNTRY: US  
ZIP: 27622  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/280,826  
FILING DATE: 25-Oct-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/989,251  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Sprull, W. Murray  
REGISTRATION NUMBER: 32,943  
REFERENCE/DOCKET NUMBER: 5784-4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919 420 2202  
TELEFAX: 919 881 3175  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
US-10-280-826-21

Query Match 0.2% Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7364 AATTATCCAGCAGCT 7379  
DB 6 AATTATCCAGCAGCT 21

RESULT 2466  
US-10-271-887-12/c  
Sequence 12, Application US/10271887  
Publication No. US20030087871A1  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION  
FILE REFERENCE: RTS-0183  
CURRENT APPLICATION NUMBER: US/10/271,887  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: US/09/659,845A  
PRIOR FILING DATE: 2001-07-23  
NUMBER OF SEQ ID NOS: 174  
SEQ ID NO 12  
LENGTH: 21

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: y  
OTHER INFORMATION: PCR Primer  
US-10-271-887-12

Query Match 0.2% Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1846 GTGCAGGTGAGAGACG 1861  
DB 16 GTGCAGGTGAGAGACG 1

RESULT 2467  
US-10-044-692-237/c  
Sequence 237, Application US/10044692  
Publication No. US20030096344A1  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT:  
THERAPEUTIC METHODS  
NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,692  
FILING DATE: 11-Jan-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <Unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 237:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 237;  
US-10-044-692-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCCCGCTGCTGG 3552  
DB 20 TTCCGCCCGCTGCTGG 5

RESULT 2468  
US-10-044-539-237/c  
Sequence 237, Application US/10044539  
Publication No. US2003010093A1

GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
Lingner, Joachim  
Nakamura, Toru  
Chapman, Karen B.  
Morin, Gregg B.  
Harley, Calvin  
Andrews, William H.

TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT;  
THERAPEUTIC METHODS

NUMBER OF SEQUENCES: 335  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/044,539  
FILING DATE: 11-Jan-2002  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/912,951  
FILING DATE: <unknown>  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002600US

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 237:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 237;  
US-10-044-539-237

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3537 TTCCGCCCGCTGCTGG 3552  
DB 20 TTCCGCCCGCTGCTGG 5

RESULT 2469  
US-10-005-956-475  
Sequence 475, Application US/10005956  
Publication No. US20030113726A1

GENERAL INFORMATION:  
APPLICANT: Bristol-Myers Squibb Company  
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS  
FILE REFERENCE: D0053NP  
CURRENT APPLICATION NUMBER: US/10/005,956  
CURRENT FILING DATE: 2001-12-03  
PRIOR APPLICATION NUMBER: 60/251,015  
PRIOR FILING DATE: 2000-12-04  
PRIOR APPLICATION NUMBER: 60/263,678  
PRIOR FILING DATE: 2001-01-23  
PRIOR APPLICATION NUMBER: 60/273,037  
PRIOR FILING DATE: 2001-03-02  
NUMBER OF SEQ ID NOS: 1579  
SOFTWARE: Patentin version 3.0

SEQ ID NO 475  
LENGTH: 21  
TYPE: DNA  
ORGANISM: homo sapiens  
US-10-005-956-475

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1529 AGTTCTACAATGGAT 1544  
DB 6 AGTTCTACAATGGAT 21

RESULT 2470  
US-10-217-335-9/c  
Sequence 9, Application US/10217335  
Publication No. US20030138807A1

GENERAL INFORMATION:  
APPLICANT: Clausen, Henrik  
TITLE OF INVENTION: UDP-Galactose; beta-D-Galactose-R  
FILE REFERENCE: P200000188 WO JNY  
CURRENT APPLICATION NUMBER: US/10/217,335  
CURRENT FILING DATE: 2002-11-25  
PRIOR APPLICATION NUMBER: US 60/182,037  
PRIOR FILING DATE: 2000-02-11  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 9  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-217-335-9

Query Match 0.2%; Score 14.4; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 1.6e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4575 CTGCCCTTTTCTCTTG 4590  
DB 18 CTGCCCTTTTCTCTTG 3

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; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-136

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6048 GGTTCCTCTCATTCCT 6063
      |||||
Db      20 GGTTCCTCTCATTCCT 5

RESULT 2474
US-10-452-510-188
; Sequence 188, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-188

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2204 TCTACCGAGATGGGCT 2219
      |||||
Db      6 TCTACCGAGATGGGAT 21

RESULT 2475
US-10-126-022-136/c
; Sequence 136, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: Keith, Tim
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039052

```

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; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-136
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Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      6048 GGTTCCTCTCATGCT 6063
Db      20  GGTTCTCTCACTGCT 5
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RESULT 2476
US-10-617-070-428/C
; Sequence 428, Application US/10617070
; Publication No. US20040096874A1
; GENERAL INFORMATION:
; APPLICANT: Neville, Malt
; APPLICANT: de Arruda Indig, Monika
; APPLICANT: Cao, Feng
; APPLICANT: Oldenburg, Mary C.
; APPLICANT: Koelbl, Jim C.
; APPLICANT: Alzenstein, Brian D.
; APPLICANT: Davey, Keith
; TITLE OF INVENTION: Characterization of CYP2D6 Genotypes
; FILE REFERENCE: FORS-08195
; CURRENT APPLICATION NUMBER: US/10/617,070
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 10/411,954
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/371,819
; PRIOR FILING DATE: 2002-04-11
; NUMBER OF SEQ ID NOS: 529
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 428
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-617-070-428

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5145 CCTTTGGGAGGGGAG 5160
Db      18  CCTGTGGGAGGGGAG 3

RESULT 2477
US-10-605-498-66/C
; Sequence 66, Application US/10605498
; Publication No. US20040127441A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rocchi, Palma
; APPLICANT: Signaevsky, Maxim
; TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
```

```
; TITLE OF INVENTION: Cancers
; FILE REFERENCE: UBC-P-031
; CURRENT APPLICATION NUMBER: US/10/605,498
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: US 60/415,859
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/463,952
; PRIOR FILING DATE: 2003-04-18
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-605-498-66
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Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      2061 GGATGCCACCCAGC 2076
Db      17  GGATGCCACCCCTGC 2
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RESULT 2478
US-10-745-377-90
; Sequence 90, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-90

Query Match          0.2%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2204 TCTACCGAGATGGGT 2219
Db      6  TCTACCGAGATGGAT 21

RESULT 2479
US-10-744-465-188
; Sequence 188, Application US/10744465
```

```
/ Publication No. US20040157250A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
/ FILE REFERENCE: 760050-92
/ CURRENT APPLICATION NUMBER: US/10/744,465
/ CURRENT FILING DATE: 2003-12-23
/ PRIOR APPLICATION NUMBER: 10/617,334
/ PRIOR FILING DATE: 2003-07-10
/ PRIOR APPLICATION NUMBER: US 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1998-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1998-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 188
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-744-465-188.

Query Match          0.2% Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2204 TCTACCGAGATGGCGT 2219
        |||||
        6 TCTACCGAGATGGCGAT 21

RESULT 2480
US-10-731-739-401/c
/ Sequence 401, Application US/10731739
/ Publication No. US20040176582A1
/ GENERAL INFORMATION:
/ APPLICANT: Canilli, John P.
/ APPLICANT: Little, Randall D.
/ APPLICANT: Recker, Robert R.
/ APPLICANT: Johnson, Mark L.
/ TITLE OF INVENTION: High bone mass gene of 11q13.3
/ FILE REFERENCE: 032796-013
/ CURRENT APPLICATION NUMBER: US/10/731,739
/ CURRENT FILING DATE: 2003-12-10
/ PRIOR APPLICATION NUMBER: US/09/544,398B
/ PRIOR FILING DATE: 2002-06-10
/ PRIOR APPLICATION NUMBER: US 09/229,319
/ PRIOR FILING DATE: 1999-01-13
/ PRIOR APPLICATION NUMBER: US 60/071,449
/ PRIOR FILING DATE: 1998-01-13
/ PRIOR APPLICATION NUMBER: US 60/105,511
/ PRIOR FILING DATE: 1998-10-23
/ NUMBER OF SEQ ID NOS: 641
/ SOFTWARE: PastSeq for Windows Version 4.0
/ SEQ ID NO 401
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-731-739-401

Query Match          0.2% Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4427 GGTTCCTCCACTAGGCGC 4442
        |||||
        15 GGTTCCTCCACTAGGCGC 4442
```

```
DB      16 GGTTCCTCCACTAGGCGC 1
        |||||
        15 GGTTCCTCCACTAGGCGC 1

RESULT 2481
US-10-833-679-188
/ Sequence 188, Application US/10833679
/ Publication No. US20040185508A1
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
/ FILE REFERENCE: 760050-135
/ CURRENT APPLICATION NUMBER: US/10/833,679
/ CURRENT FILING DATE: 2004-04-28
/ PRIOR APPLICATION NUMBER: 10/452,510
/ PRIOR FILING DATE: 2003-06-02
/ PRIOR APPLICATION NUMBER: 10/617,334
/ PRIOR FILING DATE: 2003-07-10
/ PRIOR APPLICATION NUMBER: 09/526,193
/ PRIOR FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: PatentIn 3.0
/ SEQ ID NO 188
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-833-679-188

Query Match          0.2% Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 1.6e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2204 TCTACCGAGATGGCGT 2219
        |||||
        6 TCTACCGAGATGGCGAT 21

DB      6 TCTACCGAGATGGCGAT 21

RESULT 2482
US-09-810-993-35
/ Sequence 35, Application US/09810993
/ Patent No. US20020098488A1
/ GENERAL INFORMATION:
/ APPLICANT: Glial, Shlomit
/ APPLICANT: Skallier, Rami
/ TITLE OF INVENTION: ATM MUTATIONS IN BREAST CANCER
/ FILE REFERENCE: 65504-A
/ CURRENT APPLICATION NUMBER: US/09/810,993
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: 60/189,761
/ PRIOR FILING DATE: 2000-03-16
/ NUMBER OF SEQ ID NOS: 45
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-810-993-35

Query Match          0.2% Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.7e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 5844 TGCATGATCCCACTG 5859  
Db 7 TGCATGATCCCACTG 22

RESULT 2483  
US-09-964-261-9/c  
; Sequence 9, Application US/09964261  
; Publication No. US20020197613A1  
; GENERAL INFORMATION:  
; APPLICANT: De Canck, Ilse  
; APPLICANT: Rombout, Annelies  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES  
; FILE REFERENCE: IGI-002  
; CURRENT APPLICATION NUMBER: US/09/964,261  
; CURRENT FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: EP 99870068.6  
; PRIOR FILING DATE: 1999-04-09  
; PRIOR APPLICATION NUMBER: US 60/138,614  
; PRIOR FILING DATE: 1999-06-11  
; NUMBER OF SEQ ID NOS: 446  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-964-261-9

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2715 GCGGACCCCGAGCCCT 2732  
Db 18 GCGGACCCCGAGCCCT 1

RESULT 2484  
US-09-964-261-86  
; Sequence 86, Application US/09964261  
; Publication No. US20020197613A1  
; GENERAL INFORMATION:  
; APPLICANT: De Canck, Ilse  
; APPLICANT: Rombout, Annelies  
; APPLICANT: Rosseau, Rudi  
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES  
; FILE REFERENCE: IGI-002  
; CURRENT APPLICATION NUMBER: US/09/964,261  
; CURRENT FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: EP 99870068.6  
; PRIOR FILING DATE: 1999-04-09  
; PRIOR APPLICATION NUMBER: US 60/138,614  
; PRIOR FILING DATE: 1999-06-11  
; NUMBER OF SEQ ID NOS: 446  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 86  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-964-261-86

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

RESULT 2485  
US-09-862-660-14/c

; Sequence 14, Application US/09862660  
; Publication No. US2003003562A1  
; GENERAL INFORMATION:  
; APPLICANT: Russell, William  
; APPLICANT: Kienhammer, Todd  
; TITLE OF INVENTION: LACTOBIACILLUS BETA-GLUCURONIDASE AND DNA ENCODING THE SAME  
; FILE REFERENCE: 5051.514  
; CURRENT APPLICATION NUMBER: US/09/862,660  
; CURRENT FILING DATE: 2001-05-21  
; PRIOR APPLICATION NUMBER: 60/206,372  
; PRIOR FILING DATE: 2000-05-23  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 14  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)..(22)  
; OTHER INFORMATION: Synthetic Oligonucleotide Primer - GUS-1R.  
US-09-862-660-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 747 CTCTTCTCACCAGCCCT 762  
Db 16 CTCTTCTCACCAGCCCT 1

RESULT 2486  
US-09-988-626-198/c  
; Sequence 198, Application US/09988626  
; Publication No. US20030044959A1  
; GENERAL INFORMATION:  
; APPLICANT: Tavtigian, Sean V.  
; APPLICANT: Teng, David H.F.  
; APPLICANT: Simard, Jacques  
; APPLICANT: Krommens, Johanna M.  
; APPLICANT: Myriad Genetics, Inc.  
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility  
; FILE REFERENCE: 2318-258  
; CURRENT APPLICATION NUMBER: US/09/988,626  
; CURRENT FILING DATE: 2001-11-20  
; PRIOR APPLICATION NUMBER: 09/564,805  
; PRIOR FILING DATE: 2000-05-05  
; PRIOR APPLICATION NUMBER: US 60/107,468  
; PRIOR FILING DATE: 1998-11-06  
; PRIOR APPLICATION NUMBER: 09/434,382  
; PRIOR FILING DATE: 1999-11-05  
; NUMBER OF SEQ ID NOS: 240  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 198  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-988-626-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5641 TGGGAGACCCCGAGCCCTC 5658  
Db 18 TGTGGAGACCCCGAGCCCTC 1

RESULT 2487  
US-09-988-687-198/c  
; Sequence 198, Application US/09988687

Publication No. US20030045704A1  
GENERAL INFORMATION:  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Teng, David H.F.  
APPLICANT: Simard, Jacques  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Myriad Genetics, Inc.  
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility  
FILE REFERENCE: 2318-258  
CURRENT APPLICATION NUMBER: US/09/988,687  
CURRENT FILING DATE: 2001-11-20  
PRIOR APPLICATION NUMBER: 09/564,805  
PRIOR FILING DATE: 2000-05-05  
PRIOR APPLICATION NUMBER: US 60/107,468  
PRIOR FILING DATE: 1998-11-06  
PRIOR APPLICATION NUMBER: 09/434,382  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 240  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 198  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-988-687-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 5641 TGGGGAGCCCCAGCCTC 5658  
DB 18 TGTGGAGSCCAAGCCTC 1

RESULT 2488  
US-09-988-686-198/c  
Sequence 198, Application US/09988686  
Publication No. US20030120052A1  
GENERAL INFORMATION:  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Teng, David H.F.  
APPLICANT: Simard, Jacques  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Myriad Genetics, Inc.  
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility  
FILE REFERENCE: 2318-258  
CURRENT APPLICATION NUMBER: US/09/988,686  
CURRENT FILING DATE: 2001-11-20  
PRIOR APPLICATION NUMBER: 09/564,805  
PRIOR FILING DATE: 2000-05-05  
PRIOR APPLICATION NUMBER: US 60/107,468  
PRIOR FILING DATE: 1998-11-06  
PRIOR APPLICATION NUMBER: 09/434,382  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 240  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 198  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-988-686-198

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 5641 TGGGGAGCCCCAGCCTC 5658  
DB 18 TGTGGAGSCCAAGCCTC 1

RESULT 2489  
US-10-677-943-16  
Sequence 16, Application US/10677943  
Publication No. US20040072297A1  
GENERAL INFORMATION:  
APPLICANT: The Government of the United States of America as  
APPLICANT: represented by the Secretary of the Department of Health and  
APPLICANT: Human Services  
APPLICANT: Nelson, Lawrence  
APPLICANT: Tong, Zhi-Bin  
TITLE OF INVENTION: Human Gene Critical to Fertility  
FILE REFERENCE: 4239-64790  
CURRENT APPLICATION NUMBER: US/10/677,943  
CURRENT FILING DATE: 2003-10-01  
PRIOR APPLICATION NUMBER: 60/241,510  
PRIOR FILING DATE: 2000-10-18  
PRIOR APPLICATION NUMBER: PCT/US02/09776  
PRIOR FILING DATE: 2002-03-29  
PRIOR APPLICATION NUMBER: PCT/US01/10981  
PRIOR FILING DATE: 2001-04-04  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 16  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-677-943-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4739 AGCTGAGCAAGAGG 4754  
DB 1 AGCTGAGCAAGAGG 16

RESULT 2490  
US-10-399-443-16  
Sequence 16, Application US/10399443  
Publication No. US20040028669A1  
GENERAL INFORMATION:  
APPLICANT: The Government of the United States of America, as Represented by the  
APPLICANT: Secretary, Department of Health & Human Services, The National Institute  
APPLICANT: Health  
APPLICANT: Nelson, Lawrence M.  
APPLICANT: Tong, Zhi-Bin  
APPLICANT: Nelson, Lawrence  
APPLICANT: Zhi-Bin, Tong  
TITLE OF INVENTION: Human Gene Critical to Fertility  
FILE REFERENCE: 4239-64785  
CURRENT APPLICATION NUMBER: US/10/399,443  
CURRENT FILING DATE: 2003-04-16  
PRIOR APPLICATION NUMBER: 60/241,510  
PRIOR FILING DATE: 2000-10-18  
PRIOR APPLICATION NUMBER: PCT/US01/10981  
PRIOR FILING DATE: 2001-04-04  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 16  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-399-443-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4739 AGCTGAGGAGAGAGC 4754  
|||||  
Db 1 AGCTGAGGAGAGAGC 16

## RESULT 2491

US-10-092-900A-605  
; Sequence 605, Application US/10092900A  
; Publication No. US20040043382A1  
; GENERAL INFORMATION:  
; APPLICANT: Padigaru, Muralidhara  
; APPLICANT: Spytek, Kimberly A.  
; APPLICANT: Shenoy, Suresh G.  
; APPLICANT: Taupier Jr., Raymond J.  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Li, Li  
; APPLICANT: Zerhusen, Bryan D.  
; APPLICANT: Gusev, Vladimir Y.  
; APPLICANT: Ji, Weizhen  
; APPLICANT: Gorman, Linda  
; APPLICANT: Miller, Charles E.  
; APPLICANT: Kekuda, Ramesh B.  
; APPLICANT: Patlurajan, Meera  
; APPLICANT: Gangoli, Esna A.  
; APPLICANT: Verneet, Corine A.M.  
; APPLICANT: Guo, Xiaojia Saaba  
; APPLICANT: Tcherenev, Velizar T.  
; APPLICANT: Fernandes, Elma R.  
; APPLICANT: Casman, Stacie J.  
; APPLICANT: Malyankar, Uriel M.  
; APPLICANT: Gerlach, Valerie  
; APPLICANT: Liu, Yi  
; APPLICANT: Anderson, David W.  
; APPLICANT: Spaderma, Steven K.  
; APPLICANT: Catterton, Elina  
; APPLICANT: Leite, Mario W.  
; APPLICANT: Zhong, Haihong  
; APPLICANT: Alsobrook, John P.  
; APPLICANT: Lepley, Denise M.  
; APPLICANT: Rieger, Daniel K.  
; APPLICANT: Burgess, Catherine E.  
; TITLE OF INVENTION: No. US20040043382A1 Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 21402-290C  
; CURRENT APPLICATION NUMBER: US/10/092,900A  
; CURRENT FILING DATE: 2002-03-07  
; PRIOR APPLICATION NUMBER: USSN 60/274,322  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: USSN 60/283,675  
; PRIOR FILING DATE: 2001-04-13  
; PRIOR APPLICATION NUMBER: USSN 60/338,092  
; PRIOR FILING DATE: 2001-12-03  
; PRIOR APPLICATION NUMBER: USSN 60/274,281  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: USSN 60/274,191  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: USSN 60/325,681  
; PRIOR FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: USSN 60/304,354  
; PRIOR FILING DATE: 2001-07-10  
; PRIOR APPLICATION NUMBER: USSN 60/279,995  
; PRIOR FILING DATE: 2001-03-30  
; PRIOR APPLICATION NUMBER: USSN 60/294,899  
; PRIOR FILING DATE: 2001-05-31  
; PRIOR APPLICATION NUMBER: USSN 60/287,424  
; PRIOR FILING DATE: 2001-04-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 768  
; SEQ ID NO 605  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer

US-10-092-900A-605

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6234 GCACGTGTTCTTGATT 6249  
|||||  
Db 6 GCACGTGTTCTTGACT 21

## RESULT 2492

US-09-727-030C-8/c  
; Sequence 8, Application US/09727030C  
; Publication No. US20040058317A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilles, Patrick N.  
; APPLICANT: Dillon, Patrick J.  
; APPLICANT: Wu, David J.  
; APPLICANT: Foster, Charles B.  
; APPLICANT: Chanock, Stephen J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT  
; FILE REFERENCE: 259/163-US  
; CURRENT APPLICATION NUMBER: US/09/727,030C  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: 60/126,865  
; PRIOR FILING DATE: 1999-03-30  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 8  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: MBP probe  
US-09-727-030C-8

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946  
|||||  
Db 22 CTTTCTCCCTTGATG 7

## RESULT 2493

US-09-727-030C-9/c  
; Sequence 9, Application US/09727030C  
; Publication No. US20040058317A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilles, Patrick N.  
; APPLICANT: Dillon, Patrick J.  
; APPLICANT: Wu, David J.  
; APPLICANT: Foster, Charles B.  
; APPLICANT: Chanock, Stephen J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT  
; FILE REFERENCE: 259/163-US  
; CURRENT APPLICATION NUMBER: US/09/727,030C  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: 60/126,865  
; PRIOR FILING DATE: 1999-03-30  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 9  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: MBP probe  
US-09-727-030C-9

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946  
|||||  
Db 22 CTTTCTCCCTTGATG 7

## RESULT 2494

US-09-727-030C-10/c  
; Sequence 10, Application US/09727030C  
; Publication No. US20040058317A1  
; GENERAL INFORMATION:  
; APPLICANT: Gillies, Patrick N.  
; APPLICANT: Dillon, Patrick J.  
; APPLICANT: Wu, David J.  
; APPLICANT: Foster, Charles B.  
; APPLICANT: Chanock, Stephen J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT  
; TITLE OF INVENTION: BLOT ASSAY ON SEMICONDUCTOR MICROCHIPS  
; FILE REFERENCE: 259/163-US  
; CURRENT APPLICATION NUMBER: US/09/727,030C  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR FILING DATE: 1999-03-30  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 10  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: MBP probe  
US-09-727-030C-10

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946  
|||||  
Db 22 CTTTCTCCCTTGATG 7

## RESULT 2495

US-09-727-030C-12/c  
; Sequence 12, Application US/09727030C  
; Publication No. US20040058317A1  
; GENERAL INFORMATION:  
; APPLICANT: Gillies, Patrick N.  
; APPLICANT: Dillon, Patrick J.  
; APPLICANT: Wu, David J.  
; APPLICANT: Foster, Charles B.  
; APPLICANT: Chanock, Stephen J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT  
; TITLE OF INVENTION: BLOT ASSAY ON SEMICONDUCTOR MICROCHIPS  
; FILE REFERENCE: 259/163-US  
; CURRENT APPLICATION NUMBER: US/09/727,030C  
; CURRENT FILING DATE: 2000-11-30  
; PRIOR FILING DATE: 1999-03-30  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 12  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: MBP probe  
US-09-727-030C-12

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3931 CTTTCTCCCTTGATG 3946  
|||||  
Db 22 CTTTCTCCCTTGATG 7

## RESULT 2496

US-10-147-299A-14  
; Sequence 14, Application US/10147299A  
; Publication No. US20040058323A1  
; GENERAL INFORMATION:  
; APPLICANT: KO, ALBERT I.  
; APPLICANT: HAKE, DAVID A.  
; APPLICANT: REIS, MITTMEYER GALVAO  
; APPLICANT: MATSUNAGA, JAMES  
; APPLICANT: CRODA, JULIO HENRIQUE ROSA  
; APPLICANT: SIQUEIRA, ISADORA CRISTINA  
; APPLICANT: RILEY, LEE W.  
; APPLICANT: BAROCCHI, MICHELE  
; APPLICANT: YOUNG, TRACY ANN  
; TITLE OF INVENTION: PROTEINS WITH REPETITIVE BACTERIAL-IG-LIKE (BIG)  
; TITLE OF INVENTION: DOMAINS PRESENT IN LEPTOSPIRA SPECIES  
; FILE REFERENCE: 3673-19  
; CURRENT APPLICATION NUMBER: US/10/147,299A  
; CURRENT FILING DATE: 2002-05-17  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-10-147-299A-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 GGAGATTTCACAGA 1646  
|||||  
Db 4 GGAGATTTCACAGA 19

## RESULT 2497

US-10-261-382-16  
; Sequence 16, Application US/10261382  
; Publication No. US20040063618A1  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Peptide Nucleic Acids Having Improved Uptake And Tissue  
; TITLE OF INVENTION: Distribution  
; FILE REFERENCE: ISIS-5078  
; CURRENT APPLICATION NUMBER: US/10/261,382  
; CURRENT FILING DATE: 2002-12-20  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 16  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-261-382-16

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2766 GCGCACCATTACTTC 2781  
Db 3 GCGCACCATTCTTC 18

RESULT 2498  
US-09-727-100-19/c  
; Sequence 19, Application US/09727100  
; Publication No. US20030018165A1  
; GENERAL INFORMATION:  
; APPLICANT: INNOGENETICS N.V.  
; TITLE OF INVENTION: NEW USES OF SUPPRESSIVE MACROPHAGE ACTIVATION FACTORS.  
; FILE REFERENCE: EP99.109.SMAF  
; CURRENT FILING DATE: US/09/727,100  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-09-727-100-19

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 682 GTGCAGCCCTGATG 697  
Db 22 GAGCAGCCCTGATG 7

RESULT 2499  
US-10-027-632-176870  
; Sequence 176870, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; TITLE OF INVENTION: Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 176870  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-176870

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3894 CTGAGTTACTTCAT 3909  
Db 1 CTGAGTTACTTCAT 16

RESULT 2500  
US-10-027-632-176870  
; Sequence 176870, Application US/10027632  
; Publication No. US20030204075A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; TITLE OF INVENTION: Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 176870  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-176870

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3894 CTGAGTTACTTCAT 3909  
Db 1 CTGAGTTACTTCAT 16

RESULT 2501  
US-10-442-538-5/c  
; Sequence 5, Application US/10442538  
; Publication No. US20030224491A1  
; GENERAL INFORMATION:  
; APPLICANT: F. Hoffmann-La Roche AG  
; TITLE OF INVENTION: CONTINUOUS FERMENTATION PROCESS  
; FILE REFERENCE: C38435/111692  
; CURRENT APPLICATION NUMBER: US/10/442,538  
; CURRENT FILING DATE: 2003-05-20  
; PRIOR APPLICATION NUMBER: US/09/684,855  
; PRIOR FILING DATE: 2000-10-06  
; PRIOR APPLICATION NUMBER: EP 00121663.9  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: EP 99120289.6  
; PRIOR FILING DATE: 1999-10-11  
; NUMBER OF SEQ ID NOS: 169  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Primer  
US-10-442-538-5

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7320 GTTGTGTCCTGCTT 7335  
|||||  
DB 22 GTTGTGTCCTGCTT 7

RESULT 2502  
US-10-278-047-3  
; Sequence 3, Application US/10278047  
; Publication No. US20030143591A1  
; GENERAL INFORMATION:  
; APPLICANT: Davies, Martin  
; APPLICANT: Bruce, Ian  
; APPLICANT: Wolter, Andreas  
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC  
; FILE REFERENCE: PRO.07  
; CURRENT APPLICATION NUMBER: US/10/278,047  
; CURRENT FILING DATE: 2002-10-21  
; PRIOR APPLICATION NUMBER: 60/336,432  
; PRIOR FILING DATE: 2001-10-19  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Synthetic Nucleic Acid Probe  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(22)  
US-10-278-047-3

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 TCTACAGTCACCCG 2180  
|||||  
DB 7 TCTCAGTCACCCG 22

RESULT 2503  
US-10-251-210-35  
; Sequence 35, Application US/10251210  
; Publication No. US20030162195A1  
; GENERAL INFORMATION:  
; APPLICANT: Gila, Shlomit  
; APPLICANT: Yahalom, Joachim  
; TITLE OF INVENTION: PREDICTION OF CANCER BY DETECTION OF ATM MUTATIONS  
; FILE REFERENCE: 65894-A  
; CURRENT APPLICATION NUMBER: US/10/251,210  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: 60/323,766  
; PRIOR FILING DATE: 2001-09-20  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 35  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-10-251-210-35

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5844 TGCATGATCCCATG 5859  
|||||  
DB 7 TGCATGATCCCATG 22

RESULT 2504  
US-10-315-317-14/c

; Sequence 14, Application US/10315317  
; Publication No. US20040011944A1  
; GENERAL INFORMATION:  
; APPLICANT: LEM, Paul  
; APPLICANT: SPIEGELMAN, Jamie  
; TITLE OF INVENTION: A METHOD FOR THE DETECTION OF MULTIPLE GENETIC TARGETS  
; FILE REFERENCE: 9-14723-305  
; CURRENT APPLICATION NUMBER: US/10/315,317  
; CURRENT FILING DATE: 2002-12-10  
; PRIOR APPLICATION NUMBER: 60/  
; PRIOR FILING DATE: 2002-11-01  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Staphylococcus aureus hld gene right primer  
US-10-315-317-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2388 TGTACATCCGCT 2403  
|||||  
DB 21 TGTACATCCGCT 6

RESULT 2505  
US-10-673-935-14/c  
; Sequence 14, Application US/10673935  
; Publication No. US20040091922A1  
; GENERAL INFORMATION:  
; APPLICANT: Russell, William  
; APPLICANT: Klaehammer, Todd  
; TITLE OF INVENTION: LACTOBACILLUS BETA-GLUCURONIDASE AND DNA ENCODING THE SAME  
; FILE REFERENCE: 5051.514DV  
; CURRENT APPLICATION NUMBER: US/10/673,935  
; CURRENT FILING DATE: 2003-09-29  
; PRIOR APPLICATION NUMBER: US 09/862,660  
; PRIOR FILING DATE: 2001-05-21  
; PRIOR APPLICATION NUMBER: US 60/206372  
; PRIOR FILING DATE: 2000-05-23  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 14  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide primer - GUS-1R  
US-10-673-935-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 747 CTTCTTCACCGCT 762  
|||||  
DB 16 CTTCTTCACCGCT 1

RESULT 2506  
US-10-315-217-14/c  
; Sequence 14, Application US/10315217  
; Publication No. US20040110138A1  
; GENERAL INFORMATION:  
; APPLICANT: LEM, Paul

APPLICANT: SPIEGELMAN, Jamie  
TITLE OF INVENTION: A METHOD FOR THE DETECTION OF MULTIPLE GENETIC TARGETS  
FILE REFERENCE: 9-14723-3US  
CURRENT APPLICATION NUMBER: US/10/315,217  
CURRENT FILING DATE: 2002-12-09  
PRIOR APPLICATION NUMBER: 60/  
PRIOR FILING DATE: 2002-11-01  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 14  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: Staphylococcus aureus hld gene right primer  
US-10-315-217-14

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2388 TGGTAACATCCAGCT 2403  
Db 21 TGGTAACATCCAGCT 6

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US-10-695-584A-20  
Sequence 20, Application US/10695584A  
Publication No. US2004017115A1  
GENERAL INFORMATION:  
APPLICANT: FENG, YIQING  
CAPARON, MAIRE H  
ZURFLUH, LINDA L  
KLEIN, BARBARA K  
MCWHERTER, CHARLES A  
STATEN, NICHOLAS R  
SUMMERS, NEENA L  
BAUER, S C  
LEE, STEPHEN C  
TITLE OF INVENTION: MULTI-FUNCTIONAL HEMATOPOIETIC  
FUSION PROTEINS BETWEEN SEQUENCE REARRANGED  
G-CSF RECEPTOR AGONISTS AND OTHER  
HEMATOPOIETIC FACTORS  
NUMBER OF SEQUENCES: 313  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CAROL M. NIELSEN, GARDERE WYNNE SEWELL, LLP  
STREET: 1000 LOUISIANA, SUITE 3400  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77002-5007  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/695,584A  
FILING DATE: 27-Oct-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/510,238  
FILING DATE: 22-FEB-2002  
APPLICATION NUMBER: US 08/835,162  
FILING DATE: 04-APR-1997  
APPLICATION NUMBER: WO PCT/US 96/15774  
FILING DATE: 06-OCT-1996  
APPLICATION NUMBER: US 60/004,834  
FILING DATE: 05-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: NIELSEN, CAROL M

REGISTRATION NUMBER: 37,676  
REFERENCE/DOCKET NUMBER: 2910/3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-276-5383  
TELEFAX: 713-276-5383  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA (synthetic)"  
SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-10-695-584A-20

Query Match 0.2%; Score 14.4; DB 1; Length 22;  
Best Local Similarity 93.8%; Pred. No. 1.7e+03;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 2508  
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Sequence 21, Application US/10695584A  
Publication No. US2004017115A1  
GENERAL INFORMATION:  
APPLICANT: FENG, YIQING  
CAPARON, MAIRE H  
ZURFLUH, LINDA L  
KLEIN, BARBARA K  
MCWHERTER, CHARLES A  
STATEN, NICHOLAS R  
SUMMERS, NEENA L  
BAUER, S C  
LEE, STEPHEN C  
TITLE OF INVENTION: MULTI-FUNCTIONAL HEMATOPOIETIC  
FUSION PROTEINS BETWEEN SEQUENCE REARRANGED  
G-CSF RECEPTOR AGONISTS AND OTHER  
HEMATOPOIETIC FACTORS  
NUMBER OF SEQUENCES: 313  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CAROL M. NIELSEN, GARDERE WYNNE SEWELL, LLP  
STREET: 1000 LOUISIANA, SUITE 3400  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77002-5007  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/695,584A  
FILING DATE: 27-Oct-2003  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/510,238  
FILING DATE: 22-FEB-2002  
APPLICATION NUMBER: US 08/835,162  
FILING DATE: 04-APR-1997  
APPLICATION NUMBER: WO PCT/US 96/15774  
FILING DATE: 06-OCT-1996  
APPLICATION NUMBER: US 60/004,834  
FILING DATE: 05-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: NIELSEN, CAROL M  
REGISTRATION NUMBER: 37,676

REFERENCE/DOCKET NUMBER: 2910/3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-276-5383  
TELEFAX: 713-276-5383  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA (synthetic)"  
SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 51 CGCGGCAACGGAGGC 66  
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Db 22 CGCGGCAACGGAGGC 7

Search completed: October 14, 2004, 13:03:28  
Job time : 224 secs

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: October 14, 2004, 13:09:50 ; Search time 158 Seconds

(without alignments)  
3.673 Million cell updates/sec

Title: US-10-007-078-3

Perfect score: 7478  
Sequence: 1 actggcagctggcgcgcgcc.....acagtgccttctatctcaaa 7478

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 1746 seqs, 38808 residues

Total number of hits satisfying chosen parameters: 3492

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%

Database : rct3.seq.\*  
Listing first 1756 summaries

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

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9	24.2	0.3	37	1	ACCESSTION: BX567522
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11	24	0.3	34	1	ACCESSTION: AL977460
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13	23.8	0.3	34	1	ACCESSTION: AL047464
14	23.6	0.3	32	1	ACCESSTION: AL588429
15	23.6	0.3	34	1	ACCESSTION: CF328492
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155	21.8	0.3	29	1	AZ464402	ACCESSION:AZ464402	C 228	21.4	0.3	31	1	AV966771	ACCESSION:AV966771
156	21.8	0.3	29	1	AZ486793	ACCESSION:AZ486793	C 229	21.4	0.3	31	1	BX557762	ACCESSION:BX557762
157	21.8	0.3	29	1	AZ661709	ACCESSION:AZ661709	C 230	21.4	0.3	32	1	AM250841	ACCESSION:AM250841
C 158	21.8	0.3	29	1	AZ784208	ACCESSION:AZ784208	C 231	21.4	0.3	32	1	CF279813	ACCESSION:CF279813
C 159	21.8	0.3	29	1	AZ806470	ACCESSION:AZ806470	C 232	21.2	0.3	32	1	BQ591183	ACCESSION:BQ591183
C 160	21.8	0.3	29	1	AZ812242	ACCESSION:AZ812242	C 233	21.2	0.3	28	1	AZ358038	ACCESSION:AZ358038
C 161	21.8	0.3	29	1	AZ868731	ACCESSION:AZ868731	C 234	21.2	0.3	28	1	AZ809971	ACCESSION:AZ809971
162	21.8	0.3	29	1	TA334G09Q	ACCESSION:TA334G09Q	C 235	21.2	0.3	31	1	AV959965	ACCESSION:AV959965
C 163	21.8	0.3	30	1	BG664335	ACCESSION:BG664335	C 236	21.2	0.3	31	1	AX551460	ACCESSION:AX551460
C 164	21.8	0.3	30	1	CF280699	ACCESSION:CF280699	C 237	21.2	0.3	32	1	AX551460	ACCESSION:AX551460
C 165	21.8	0.3	30	1	CF292086	ACCESSION:CF292086	C 238	21.2	0.3	32	1	AX555194	ACCESSION:AX555194
166	21.8	0.3	30	1	CF299555	ACCESSION:CF299555	C 239	21.2	0.3	32	1	AX555533	ACCESSION:AX555533
167	21.8	0.3	30	1	CF312417	ACCESSION:CF312417	C 240	21.2	0.3	32	1	AX558102	ACCESSION:AX558102
168	21.8	0.3	30	1	CF323226	ACCESSION:CF323226	C 241	21.2	0.3	32	1	AX560723	ACCESSION:AX560723
C 169	21.8	0.3	30	1	CF327835	ACCESSION:CF327835	C 242	21.2	0.3	32	1	AX564047	ACCESSION:AX564047
C 170	21.8	0.3	30	1	CF336555	ACCESSION:CF336555	C 243	21.2	0.3	32	1	AZ326012	ACCESSION:AZ326012
171	21.8	0.3	30	1	AZ357603	ACCESSION:AZ357603	C 244	21.2	0.3	21	1	CF311914	ACCESSION:CF311914
C 172	21.8	0.3	30	1	AZ443322	ACCESSION:AZ443322	C 245	21.2	0.3	21	1	CF318152	ACCESSION:CF318152
C 173	21.8	0.3	30	1	AZ455741	ACCESSION:AZ455741	C 246	21.2	0.3	21	1	AZ792613	ACCESSION:AZ792613
174	21.8	0.3	30	1	AZ481739	ACCESSION:AZ481739	C 247	21.2	0.3	22	1	AZ304806	ACCESSION:AZ304806
175	21.8	0.3	30	1	AZ582114	ACCESSION:AZ582114	C 248	21.2	0.3	22	1	AZ505769	ACCESSION:AZ505769
176	21.8	0.3	31	1	AM249485	ACCESSION:AM249485	C 249	21.2	0.3	22	1	AZ823875	ACCESSION:AZ823875
177	21.8	0.3	31	1	AX569502	ACCESSION:AX569502	C 250	21.2	0.3	22	1	BH000233	ACCESSION:BH000233
C 178	21.8	0.3	31	1	CF278807	ACCESSION:CF278807	C 251	21.2	0.3	23	1	AZ315640	ACCESSION:AZ315640
179	21.8	0.3	31	1	CF300345	ACCESSION:CF300345	C 252	21.2	0.3	24	1	CF326993	ACCESSION:CF326993